## List of Products

### 1. Primers
- GRUNTOLIT-W 301
- GRUNTOLIT-SG 302
- GRUNTOLIT-SA 304
- GRUNTOLIT-SO 305
- FINISHING COAT PRIMER 306
- GRUNTOLIT-W 301
- GRUNTOLIT-SG 302
- GRUNTOLIT-SA 304
- GRUNTOLIT-SO 305
- FINISHING COAT PRIMER 306
- GRUNTOLIT-K 311
- GRUNTOLIT-SK 313
- TYNKOLIT-T 330
- TYNKOLIT-SA 331
- TYNKOLIT-SO 332
- TYNKOLIT-SISI 333
- TYNKOLIT Z-SA 341
- TYNKOLIT G-SA 342

### 2. Water-proof membranes
- FOLBIT 800
- FOLBIT BOX 801
- SLURRY 810
- SLURRY 820

### 3. Water-proofing bituminous membranes
- DYSPERBIT 830
- STYRBIT 2000

### 4. Levelling and flooring groundwork
- ANHYDRITE MORTAR 400
- ANHYDRITE MORTAR 401
- RENOGRUNT 410
- RENOGRUNT 411
- RENOGRUNT 412
- MORTAR 420
- READY-MIX SCREED 440
- CEMENT GROUNDWORK M-15 441
- CEMENT FLOORING MORTAR 442
- QUICK-BINDING FLOORING MORTAR 444
- LEVELING MORTAR 428
- SELF LEVELLING FLOORING GROUNDWORK 200 20-60 mm
- SELF LEVELLING FLOORING GROUNDWORK 201 3-60 mm
- HIGH STRENGTH CONCRETE B-20

### 5. Concrete repair system
- RAPID SET ASSEMBLY MORTAR 425
- MORTAR 451
- MORTAR 456
- PLASTER 460

### 6. Renovation system
- DAMP-PROOFING INJECTION LIQUID 900
- RENOVATION RENDERING 910
- PRIMING RENOVATION PLASTER 920
- RENOVATION PLASTER 921
- RENOVATION PLASTER 922
- LIME RENOVATION PLASTER 923
- RENOVATION PLASTER 930
- RENOVATION MORTAR 940

### 7. Tile adhesives
- 2-in-1 TILE ADHESIVE 100
- UNI MULTI 101
- MULTI 102
- SUPER MULTI 103
- ELASTI MULTI SPECJAL 104
- GRES MULTI 105
- EXPRESS 106
- KAMLEP PLUS 108
- DISPERSION ADHESIVE 111
- KLIXNIER MULTI 112
- ADHESIVE FOR LARGE-FORMAT TILES 113

### 8. Thermal insulation system mortars
- LEPSTYR 210
- LEPSTYR Z 211
- LEPSTYR-W 230
- LEPSTYR WG 231
- STYRLEP 220
- STYRLEP Z 221
- STYRLEP-B 225
- STYRLEP-W 240

### 9. Jointing grout and silicone
- GROUT 701 FOR CLINKER 701
- EPOXI GROUT 710
- NANO-TECH GROUT 730
- SILVER GROUT 731
- SILIKOLOR 720

### 10. Masonry mortars
- POZMUR 115
- THERMAL INSULATION MORTAR 120
- MURLEP BZ 121 M5
- MURLEP BZ 122 M10
- MURLEP Z 123 M5
- MURLEP Z 124 M10
- MURLEP 125
- MURLEP B 126
- POZMUR-KL NANO 130
- PUSTLEP 140

### 11. Plaster mortars
- RENDERING 550
- POZTYNK 560
- PLASTER 500 MACHINE-SPRAYED
- PLASTER 501 MACHINE-SPRAYED
- PLASTER 502L MACHINE-SPRAYED
- PLASTER 503SL
- PLASTER 511L
- PLASTER K 561L

### 12. Decorative renders
- POZTYNK-SZ DR 061/BR 062
- ROLTYNK 070
- AKRYTYNK 010
13. Gypsum products and finishing coats

- MANUAL GYPSUM PLASTER 650
- MACHINE-SPRAYED GYPSUM PLASTER 651
- MACHINE-SPRAYED light GYPSUM PLASTER 651L
- MACHINE-SPRAYED HARD GYPSUM PLASTER 651T
- CONSTRUCTION GYPSUM PLASTER 610
- GYPSUM ADHESIVE 680
- GYPSUM PUTTY 690
- GYPSUM FINISHING COAT 601
- SUPER WHITE FINISHING COAT 604
- GIPSEL PLUS 603
- EXTERNAL GYPSUM FILLER 602
- LIME FINISHING COAT 660
- LIME-CEMENT FINISHING COAT 662

14. Paint

- ACRYLIC PAINT 001
- SILICATE PAINT 002
- SILICONE PAINT 003
- SILICONE PAINT 003C CALIFORNIA I
- SISI PAINT 004
- NANO TEX PAINT 006
- LATEX PAINT 011
- SUPER WHITE PAINT 012 ACRYLIC
- Colour PAINT 014 ACRYLIC
- STRUCTURAL MINERAL PAINT 071

15. Cleaning agents and impregnates

- FRONTA 1001
- ANTYGRAFFITI 1006
- SEDIMENT REMOVER 1007
- SEPTOBUD 1008
- HYDROMUR-W 1010

16. Thermal insulation systems

- TURBO
- TURBO-S
- TURBO-SA
- TURBO-SO
- TURBO-SO PROTECT
- TURBO-SISI
- TURBO Z-SA WINTER SYSTEM
- TURBO-W
- TURBO WSA
- TURBO-WSISI
- TURBO-WSO
- TURBO-WSO PROTECT
- TURBO-WG
- TURBO-R SYSTEM-ON-SYSTEM

17. Additional systems

- BALCONY-TERRACE SYSTEM
- ANTI-MOULD SYSTEM

18. Construction equipment

- KALET-5 MACHINE-SPRAYING UNIT
- KALET-5 MACHINE-SPRAYING UNIT SUPER
- M-TEC M300 MACHINE-SPRAYING UNIT
- M-TEC m3E MACHINE-SPRAYING UNIT

19. Colour CHART
### Primers

<table>
<thead>
<tr>
<th>GRUNTOLIT-W 301</th>
<th>GRUNTOLIT-SG 302</th>
<th>GRUNTOLIT-SA 304</th>
</tr>
</thead>
</table>
| **Application:** | • for priming absorptive concrete surfaces, e.g. common or aerated autoclaved concrete, masonry walls, blocks and CMUs, renders, plasterboards  
|                  | • under emulsion paint, adhesive mortars, cement and cement-lime plaster mortars, finishing coats, ceramic linings, flooring primers, wallpaper  
|                  | • indoor and outdoor use | • for priming absorptive surfaces prior to applying KREISEL emulsion paints  
|                  | • for priming surfaces prior to applying KREISEL emulsion paints  
|                  | • for priming concrete surfaces, e.g. common or aerated autoclaved concrete, masonry walls, blocks and CMUs, plasters, plasterboards  
|                  | • under emulsion paint, adhesive mortars, cement and cement-lime mortars, finishing coats, ceramic linings, flooring primers, wallpaper  
|                  | • indoor and outdoor use | • for priming absorptive surfaces prior to applying KREISEL silicate mineral paints  
|                  | • for reinforcing surfaces prior to applying renovation plasters  
|                  | • for priming concrete surfaces, e.g. common or aerated autoclaved concrete, masonry walls, blocks and CMUs, plasters, plasterboards  
|                  | • indoor and outdoor use |
| **Product features:** | • waterproof  
|                  | • frost-proof  
|                  | • deep-penetrating  
|                  | • reduces absorbency  
|                  | • resistant to saponification | • waterproof  
|                  | • frost-proof  
|                  | • fine-particle  
|                  | • deep-penetrating  
|                  | • reduces absorbency  
|                  | • resistant to saponification | • waterproof  
|                  | • frost-proof  
|                  | • does not reduce vapor permeability  
|                  | • deep-penetrating  
|                  | • reduces absorbency  
|                  | • resistant to saponification |
| **Composition:** | • water dispersion of acrylic polymer  
|                  | • auxiliary solutions  
|                  | • water | • water dispersion of acrylic polymer  
|                  | • auxiliary solutions  
|                  | • water | • water dispersion of acrylic polymer  
|                  | • auxiliary solutions  
|                  | • water |
| **Use:** | ![Diagram](image1)  
|                  | ![Diagram](image2)  
|                  | ![Diagram](image3) |
| **Technical data:** | • consumption: c. 50-300 ml/m² (depending on absorbency and structure of groundwork)  
|                  | • colour: after drying up – colourless  
|                  | • pH: c. 7  
|                  | • layer drying time: c. 2-4 hours | • consumption: c. 50-300 ml/m² (depending on absorbency and structure of groundwork)  
|                  | • colour: after drying up – colourless  
|                  | • pH: c. 6.5  
|                  | • layer drying time: c. 2-4 hours | • consumption: c. 50-300 ml/m² (depending on absorbency and structure of groundwork)  
|                  | • colour: after drying up – colourless  
|                  | • pH: c. 10-11  
|                  | • layer drying time: c. 2-4 hours |
| **Form of delivery:** | plastic containers:  
|                  | • 1 l in cardboard boxes – 12 items in each box / 5 l on pallets – 120 items on each / 20 l on pallets – 30 items on each | plastic containers:  
|                  | • 1 l in cardboard boxes – 12 items in each box  
|                  | • 5 l on pallets – 120 items on each | plastic containers:  
<p>|                  | • 20 l on pallets – 30 items on each |</p>
<table>
<thead>
<tr>
<th><strong>Application:</strong></th>
<th><strong>Product features:</strong></th>
<th><strong>Composition:</strong></th>
<th><strong>Use:</strong></th>
<th><strong>Technical data:</strong></th>
<th><strong>Form of delivery:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• for priming absorptive surfaces prior to applying KREISEL silicorne paints</td>
<td>• for common concrete and autoclaved aerated concrete surfaces, masonry walls, blocks and CMUs, plasters, and plasterboards</td>
<td>• indoo...</td>
<td>• indoor and outdoor use</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• for common concrete and autoclaved aerated concrete surfaces, masonry walls, blocks and CMUs, plasters, and plasterboards</td>
<td>• indoor and outdoor use</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• for priming smooth surfaces prior to applying a finishing coat layer,</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• generally for concrete surfaces, as well as cement-lime plasters,</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• for priming all types of mineral surfaces under cement-lime plasters</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Product features:</strong></td>
<td>• waterproof</td>
<td>• water dispersion of acrylic polymer</td>
<td>• consumption: c. 50-300 ml/m²</td>
<td>• 5l on pallets – 120 items on each</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• frost-proof</td>
<td>• crushed quartz</td>
<td>(depending on the absorbency and structure of groundwork)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• vapor-permeable</td>
<td>• auxiliary solutions</td>
<td>• colour: after drying – colourless</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• deep-penetrating</td>
<td>• water</td>
<td>• pH: c. 7</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• reduces absorbency</td>
<td></td>
<td>• layer drying: c. 2-4 hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• resistant to saponification</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Composition:</strong></td>
<td>• water dispersion of acrylic polymer</td>
<td>• consumption: c.a. 200-300 g/m²</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• silicone emulsion</td>
<td>• crushed quartz</td>
<td>• pH: c. 7</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• auxiliary solutions</td>
<td>• refining supplements</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• water</td>
<td>• colour: white</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Use:</strong></td>
<td></td>
<td>• layer drying-up time: c.a. 4 hours</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• adhesive to be applied after 12 hours</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Technical data:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Form of delivery:</strong></td>
<td>plastic containers:</td>
<td>plastic containers:</td>
<td>plastic containers:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 5l on pallets – 120 items on each</td>
<td>• 15 kg on pallets – 33 items on each</td>
<td>• 20l on pallets – 33 items on each</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Primers

### NEW GENERATION!

**GRUNTOLIT-K 311**
Concentrated primer for gypsum plasters and adhesives, as well as anhydrite flooring mortars

### NEW GENERATION!

**GRUNTOLIT-SK 313**
Concentrated primer for gypsum plasters and anhydrite flooring mortars

### TYNKOLIT-T 330
Primer for mineral, acrylic and mosaic renders

<table>
<thead>
<tr>
<th>Application</th>
<th>For priming all types of highly saturated, excessively absorptive and weakened surfaces under gypsum plasters, adhesives for mounting plasterboards and anhydrite flooring mortars</th>
<th>For priming all types of highly saturated, excessively absorptive and weakened surfaces under gypsum plasters and anhydrite flooring mortars</th>
<th>For final preparation of surfaces for applying mineral, acrylic and mosaic KREISEL renders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product features:</td>
<td>Concentrated, waterproof, vapor-permeable, increases plaster adhesion which facilitates the application of plasters, resistant to alkali, resistant to saponification</td>
<td>Concentrated, waterproof, vapor-permeable, increases plaster adhesion which facilitates the application of plasters, resistant to alkali, resistant to saponification</td>
<td>Waterproof, frost-proof, vapor-permeable, increases plaster adhesion which facilitates the application of renderers, regulates groundwork absorbency</td>
</tr>
<tr>
<td>Composition:</td>
<td>Water dispersion of acrylic polymer, auxiliary solutions, water</td>
<td>Water dispersion of acrylic polymer, auxiliary solutions, water</td>
<td>Water dispersion of acrylic polymer, crushed quartz, auxiliary solutions, pigments, water</td>
</tr>
<tr>
<td>Use:</td>
<td>Consumption: from 100 g/m² – non-diluted, colour: after drying – YELLOW, layer drying time: c. 2-4 hours</td>
<td>Consumption: from 100 ml/m² – when undiluted, colour: after drying – GREEN, layer drying time: c. 2-4 hours, application of layers – after 12 hours</td>
<td>Consumption: c. 200-300 g/m² (depending on the absorbency and structure of groundwork), colour: after drying – white or coloured, pH: c. 7, layer drying time: c. 4 hours, the possibility of performing a render mortar: after c. 24 hours</td>
</tr>
<tr>
<td>Form of delivery:</td>
<td>Plastic containers: 20 l on pallets – 33 items on each</td>
<td>Plastic containers: 15 kg on pallets, 33 items on each</td>
<td>Plastic containers: 7 kg on pallets, 80 items on each, 21 kg on pallets, 33 items on each</td>
</tr>
<tr>
<td><strong>Application</strong></td>
<td><strong>Product features</strong></td>
<td><strong>Composition</strong></td>
<td><strong>Use</strong></td>
</tr>
<tr>
<td>----------------</td>
<td>---------------------</td>
<td>-----------------</td>
<td>---------</td>
</tr>
<tr>
<td>TYNKOLIT-SA 331</td>
<td>• for final preparation of surfaces for applying silicate mineral KREISEL renders • indoor and outdoor use</td>
<td>• waterproof • frost-proof • vapor-permeable • increases plaster adhesion • facilitates the application of renders • regulates groundwork absorbency</td>
<td>• consumption: c. 200-300 g/m² (depending on the absorbency and structure of groundwork) • colour: after drying – white or coloured • pH: c. 10-11 • layer drying time: c. 4 hours • the possibility of performing a plaster mortar: after c. 24 hours</td>
</tr>
<tr>
<td>TYNKOLIT-SO 332</td>
<td>• for final preparation of surfaces for applying silicone KREISEL plasters • indoor and outdoor use</td>
<td>• waterproof • frost-proof • vapor-permeable • increases plaster adhesion • facilitates the application of plasters • regulates groundwork absorbency</td>
<td>• consumption: c. 200-300 g/m² (depending on the absorbency and structure of groundwork) • colour: after drying – white or coloured • pH: c. 7 • layer drying time: c. 4 hours • plaster mortar can be performed after c. 24 hours</td>
</tr>
<tr>
<td>TYNKOLIT-SISI 333</td>
<td>• for final preparation of surfaces for applying silicate-silicone KREISEL renders • indoor and outdoor use</td>
<td>• waterproof • frost-proof • vapor-permeable • increases plaster adhesion • facilitates the application of renders regulates groundwork absorbency</td>
<td>• consumption: c. 200-300 g/m² (depending on the absorbency and structure of groundwork) • colour: after drying – white or coloured • pH: c. 9 • layer drying time: c. 4 hoursplaster mortar can be performed after c. 24 hours</td>
</tr>
</tbody>
</table>

TYNKOLIT-SA 331
primer for silicate renders

TYNKOLIT-SO 332
primer for silicone renders

TYNKOLIT-SISI 333
primer for silicate-silicone renders
## Primers

<table>
<thead>
<tr>
<th>Primers</th>
<th>TYNKOLIT Z-SA 341</th>
<th>TYNKOLIT G-SA 342</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application:</strong></td>
<td>• for final preparation of surfaces for applying silicone KREISEL WINTER SYSTEM renders for insulating walls</td>
<td>• for final preparation of surfaces for applying structural KREISEL GARAGE SYSTEM paints</td>
</tr>
<tr>
<td></td>
<td>• indoor and outdoor use</td>
<td>• indoor and outdoor use</td>
</tr>
<tr>
<td><strong>Product features:</strong></td>
<td>• waterproof</td>
<td>• waterproof</td>
</tr>
<tr>
<td></td>
<td>• frost-proof</td>
<td>• frost-proof</td>
</tr>
<tr>
<td></td>
<td>• vapor-permeable</td>
<td>• vapor-permeable</td>
</tr>
<tr>
<td></td>
<td>• increases plaster adhesion</td>
<td>• increases paint adhesion</td>
</tr>
<tr>
<td></td>
<td>• facilitates the application of renders</td>
<td>• facilitates the application of paint</td>
</tr>
<tr>
<td></td>
<td>• regulates groundwork absorbeny</td>
<td></td>
</tr>
<tr>
<td><strong>Composition:</strong></td>
<td>• silicone emulsion</td>
<td>• water dispersion of acrylic polymer</td>
</tr>
<tr>
<td></td>
<td>• crushed quartz</td>
<td>• potassium waterglass</td>
</tr>
<tr>
<td></td>
<td>• water dispersion of acrylic polymer</td>
<td>• crushed quartz</td>
</tr>
<tr>
<td></td>
<td>• auxiliary solutions</td>
<td>• auxiliary solutions</td>
</tr>
<tr>
<td></td>
<td>• pigments, water</td>
<td>• water</td>
</tr>
<tr>
<td><strong>Use:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Technical data:</strong></td>
<td>• consumption: c. 200-300 g/m² (depending on the absorbency and structure of groundwork)</td>
<td>• consumption: c. 400 g/m²</td>
</tr>
<tr>
<td></td>
<td>• colour: after drying – white or coloured</td>
<td>• colour: white</td>
</tr>
<tr>
<td></td>
<td>• pH: c. 11</td>
<td>• pH: 10-11</td>
</tr>
<tr>
<td></td>
<td>• layer drying time: c. 2 hours</td>
<td>• layer drying time: c. 12 hours paint layer can be applied after c. 24 hours</td>
</tr>
<tr>
<td></td>
<td>• plaster mortar can be performed after c. 12 hours</td>
<td></td>
</tr>
<tr>
<td><strong>Form of delivery:</strong></td>
<td>plastic containers: • 21 kg on pallets, 33 items on each</td>
<td>plastic containers: • 21 kg on pallets, 33 items on each</td>
</tr>
</tbody>
</table>
### Water-proof membranes

<table>
<thead>
<tr>
<th>Application</th>
<th>FOLBIT 800 liquid membrane</th>
<th>FOLBIT BOX 801 anti-humidity insulation kit</th>
<th>SLURRY 810 single-component cement-polymer water-proof membranes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• for performing anti-humidity insulation of groundwork</td>
<td>• a kit for performing anti-humidity insulation of groundwork</td>
<td>• for adding water-tight insulation in rooms characterized by increased humidity</td>
</tr>
<tr>
<td></td>
<td>• for sealing walls and floors in bathrooms, showers, laundry rooms, and generally indoors</td>
<td>• for sealing walls and floors in bathrooms, showers, etc.</td>
<td>• for sealing the surfaces of swimming pools, basement walls, foundations, terraces and balconies after they have been reinforced with glass fiber</td>
</tr>
<tr>
<td></td>
<td>• for common concrete, walls with ceramic elements, silicate, light concrete walls, cement and cement-lime mortars, plasterboards, woodchip boards, cement and anhydrite screed, common and with floor heating</td>
<td>• allows for performing c. 3 m² of surface layer</td>
<td>• for common concrete, walls with ceramic elements, silicate, light concrete walls, cement and cement-lime mortars, gypsum mortars, plasterboards, woodchip boards, cement and anhydrite screed, common and with floor heating</td>
</tr>
<tr>
<td></td>
<td>• good adhesion</td>
<td>• good adhesion</td>
<td>• good adhesion</td>
</tr>
<tr>
<td></td>
<td>• high elasticity</td>
<td>• high elasticity</td>
<td>• high elasticity</td>
</tr>
<tr>
<td></td>
<td>• crack bridging ability</td>
<td>• crack bridging ability</td>
<td>• crack bridging ability</td>
</tr>
<tr>
<td></td>
<td>• waterproof</td>
<td>• waterproof</td>
<td>• waterproof</td>
</tr>
<tr>
<td></td>
<td>• water-tight</td>
<td>• water-tight</td>
<td>• water-tight</td>
</tr>
<tr>
<td>Composition</td>
<td>FOLBIT 800 liquid foil: 4 kg</td>
<td>FOLBIT 800 liquid foil: 4 kg</td>
<td>Portland cement</td>
</tr>
<tr>
<td></td>
<td>• sealing tape: 7 m</td>
<td>• sealing collars</td>
<td>• polymer bind</td>
</tr>
<tr>
<td></td>
<td>• auxiliary solutions</td>
<td></td>
<td>• mineral fillers</td>
</tr>
<tr>
<td>Use</td>
<td></td>
<td></td>
<td>• modifying supplements</td>
</tr>
</tbody>
</table>

### Technical data

<table>
<thead>
<tr>
<th>FOLBIT 800 liquid membrane</th>
<th>FOLBIT BOX 801 anti-humidity insulation kit</th>
<th>SLURRY 810 single-component cement-polymer water-proof membranes</th>
</tr>
</thead>
<tbody>
<tr>
<td>consumption: c. 1.4 kg/m² per 1 mm thickness of the layer</td>
<td>consumption: c. 1.4 kg/m² per 1 mm thickness of the layer</td>
<td>consumption: c. 1.5 kg/m² per 1 mm thickness of the layer</td>
</tr>
<tr>
<td>volumetric density: 1.36 g/cm³</td>
<td>volumetric density: 1.36 g/cm³</td>
<td>preliminary hardening time: c. 60 minutes</td>
</tr>
<tr>
<td>adhesion to concrete groundwork: ≥ 1.2 MPa</td>
<td>ultimate tensile strength: ≥ 0.23 MPa</td>
<td>minimum layer thickness: 2 mm</td>
</tr>
<tr>
<td>ultimate tensile strength: ≥ 0.23 MPa</td>
<td>a layer of ceramic tiles can be applied after 18-24 hours</td>
<td>maximum layer thickness: 5 mm</td>
</tr>
<tr>
<td>a layer of ceramic tiles can be applied after 18-24 hours</td>
<td></td>
<td>minimum number of mass layers performed: 2</td>
</tr>
</tbody>
</table>

### Form of delivery

<table>
<thead>
<tr>
<th>FOLBIT 800 liquid membrane</th>
<th>FOLBIT BOX 801 anti-humidity insulation kit</th>
<th>SLURRY 810 single-component cement-polymer water-proof membranes</th>
</tr>
</thead>
<tbody>
<tr>
<td>plastic containers:</td>
<td>plastic containers:</td>
<td>plastic containers:</td>
</tr>
<tr>
<td>• 4 kg on pallets, 100 items on each</td>
<td>• 25 kg sacks on pallets, 48 items on each</td>
<td>25-kg sacks on pallets, 48 items on each</td>
</tr>
<tr>
<td>• 7 kg on pallets, 80 items on each</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 21 kg on pallets, 33 items on each</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>kit:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Folbit 4 kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• tape – 7 m</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• collar – 2 items</td>
</tr>
</tbody>
</table>

---

**Application:** Water-proof membranes

**Product features:**
- Good adhesion
- High elasticity
- Crack bridging ability
- Waterproof
- Water-tight

**Composition:**
- Acrylic resin dispersion
- Fillers
- Auxiliary solutions

**Use:**
- FOLBIT 800 liquid foil: 4 kg
- Sealing tape: 7 m
- Sealing collars

**Technical data:**
- Consumption: c. 1.4 kg/m² per 1 mm thickness of the layer
- Volumetric density: 1.36 g/cm³
- Adhesion to concrete groundwork: ≥ 1.2 MPa
- Ultimate tensile strength: ≥ 0.23 MPa
- A layer of ceramic tiles can be applied after 18-24 hours

**Form of delivery:**
- Plastic containers:
  - 4 kg on pallets, 100 items on each
  - 7 kg on pallets, 80 items on each
  - 21 kg on pallets, 33 items on each
# Water-proof membranes

### Application:
- for adding water-tight insulation in rooms characterized by increased humidity, such as lavatories or swimming pools
- for sealing the surfaces of basement walls, and foundations, animal excrement tanks
- for common concrete, walls with ceramic elements, silicate, light concrete walls, cement and cement-lime mortars, gypsum mortars, plasterboards, woodchip boards, cement and anhydrite screed, common and with floor heating

### Product features:
- good adhesion
- high elasticity
- impressive crack bridging ability
- waterproof, frost-proof
- watertight
- two-component
- vapor-permeable
- resistant to aggressive environments

### Composition:
- **Component A**
  - Portland cement
  - mineral fillers
  - modifying supplements
- **Component B**
  - water polymer dispersion

### Use:
- for renovating and maintenance of roof covers
- for performing jointless roof covers reinforced with technical fabrics
- for performing sub-flooring anti-humidity insulations in basements, garages, terraces, balconies
- for securing underground parts of buildings, i.e. slabs or foundations, against humidity
- indoor and outdoor use

### Technical data:
- consumption: c. 1.5 kg/m² per 1 mm
- preliminary hardening time: c. 60 minutes
- resistance to water under pressure: ≥ 0.5 MPa
- adhesion to concrete groundwork: ≥ 1.5 MPa
- minimum layer thickness: 2 mm
- maximum layer thickness: 5 mm
- minimum number of mass layers performed: 2

### Form of delivery:
- component A (25-kg sack) on a pallet – 48 items on each
- component B (10.5-kg bucket) on a pallet, 42 items on each

---

# Water-proofing bituminous membranes

### SLURRY 820
- two-component polymer-cement water-proof membranes

### DYSPERBIT 830
- asphalt-rubber dispersion liquid membrane

### STYRBIT 2000 832
- asphalt-rubber dispersion liquid membrane

### Application:
- for performing sub-flooring anti-humidity insulations in terraces, balconies, basements, garages, performing jointless roof covers reinforced with technical fabrics
- for performing permanently elastic anti-humidity insulations of underground parts of buildings
- for mounting styrofoam and extruded boards onto surfaces
- indoor and outdoor use

### Product features:
- waterproof
- frost-proof
- thixotropic
- elastic
- universal
- no drips
- high durability
- good adhesion

### Composition:
- Component A
  - water
  - water dispersion of synthetic rubber-modified asphalts
  - modifying supplements
- Component B
  - water, asphalt
  - rubber dispersion
  - mineral fillers
  - reinforcing fibers
  - modifying supplements

### Use:
- for performing sub-flooring anti-humidity insulations in terraces, balconies, basements, garages, performing jointless roof covers reinforced with technical fabrics
- for performing permanently elastic anti-humidity insulations of underground parts of buildings
- for mounting styrofoam and extruded boards onto surfaces
- indoor and outdoor use

### Technical data:
- consumption: c. 0.8 – 1.2 kg/m² per layer
- colour: black
- remaining dry mass: 50%
- single layer thickness: 1 mm
- number of mass layers: 2-4
- drying time: c. 6 hours

### Form of delivery:
- component A (25-kg sack) on a pallet – 48 items on each
- component B (10.5-kg bucket) on a pallet, 42 items on each

### Availability:
- plastic containers: 10 kg on pallets, 55 items on each
- 20 kg on pallets, 33 items on each
- 9 kg on pallets, 55 items on each
<table>
<thead>
<tr>
<th></th>
<th><strong>ANHYDRITE MORTAR</strong></th>
<th><strong>ANHYDRITE MORTAR</strong></th>
<th><strong>RENOGRUNT 410</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application</strong></td>
<td>• for machine-spraying (or possibly manual) application of sub-flooring groundwork, 20-60 mm thick, in dry rooms</td>
<td>• for machine-spraying or manual application of sub-flooring groundwork, 20-60 mm thick, in dry rooms</td>
<td>• for machine-spraying (or possibly manual) application of sub-flooring groundwork, 20-60 mm thick, in dry rooms</td>
</tr>
<tr>
<td></td>
<td>• perfect groundwork for ceramic tiles, clinker brick, gres tiles, panels, flooring, floor lining, etc.</td>
<td>• perfect groundwork for ceramic tiles, clinker brick, gres tiles, panels, flooring, floor lining, etc.</td>
<td>• perfect groundwork for ceramic tiles, clinker brick, gres tiles, panels, flooring, floor lining, etc.</td>
</tr>
<tr>
<td></td>
<td>• applied as groundwork for floor heating systems, floating on thermal insulation, separation layers, or binding with substructure</td>
<td>• applied as anhydrite screed (also with floor heating systems), cement screed, concrete substructures</td>
<td>• applied as cement screed (also with floor heating systems), anhydrite screed, concrete substructures</td>
</tr>
<tr>
<td><strong>Product features</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• indoor use</td>
<td>• indoor use</td>
<td>• indoor use</td>
</tr>
<tr>
<td></td>
<td>• non-shrinking</td>
<td>• non-shrinking</td>
<td>• easy to use</td>
</tr>
<tr>
<td></td>
<td>• easy and comfortable to use</td>
<td>• easy and comfortable to use</td>
<td>• self-leveling</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• self-leveling</td>
<td>• resistant to mechanic strains</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• may be walked on after minimum 5h</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• applying further finishing layers after minimum 7 days</td>
</tr>
<tr>
<td><strong>Composition</strong></td>
<td>• water-free calcium sulfate</td>
<td>• water-free calcium sulfate</td>
<td>• Portland cement calcium aluminate cement</td>
</tr>
<tr>
<td></td>
<td>• mineral fillers</td>
<td>• mineral fillers</td>
<td>• mineral fillers</td>
</tr>
<tr>
<td></td>
<td>• modifying supplements</td>
<td>• modifying supplements</td>
<td>• modifying supplements</td>
</tr>
<tr>
<td><strong>Use</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
<td><img src="image3.png" alt="Image" /></td>
</tr>
<tr>
<td><strong>Technical data</strong></td>
<td>• consumption: c. 18 kg/m² per 1 cm thickness of the layer</td>
<td>• consumption: c. 18 kg/m² per 1 cm thickness of the layer</td>
<td>• consumption: c. 15 kg/m² per 1 cm thickness of the layer</td>
</tr>
<tr>
<td></td>
<td>• granulation up to 2.0 mm</td>
<td>• granulation up to 0.5 mm</td>
<td>• granulation up to 0.5 mm</td>
</tr>
<tr>
<td></td>
<td>• ultimate compressive strength after 28 days: ≥ 35 MPa</td>
<td>• ultimate compressive strength after 28 days: ≥ 30 MPa</td>
<td>• ultimate compressive strength after 28 days: ≥ 30 MPa</td>
</tr>
<tr>
<td></td>
<td>• flexural strength after 28 days: ≥ 7 MPa</td>
<td>• flexural strength after 28 days: ≥ 5 MPa</td>
<td>• flexural strength after 28 days: ≥ 7 MPa</td>
</tr>
<tr>
<td></td>
<td>• may be walked on after minimum 48h</td>
<td>• may be walked on after minimum 12h</td>
<td>• may be walked on after minimum 7 days</td>
</tr>
<tr>
<td></td>
<td>• application of further finishing layers after 14 days</td>
<td>• application of further finishing layers after 7 days</td>
<td>• application of further finishing layers after 7 days</td>
</tr>
<tr>
<td><strong>Form of delivery</strong></td>
<td>• 30-kg sacks on pallets, 42 items on each</td>
<td>• 30-kg sacks on pallets, 42 items on each</td>
<td>• 25-kg sacks on pallets, 48 items on each</td>
</tr>
</tbody>
</table>
### Application:
- RENOGRUNT 411: For machine-spraying application (with a power generating unit with a double mixing system) of sub-flooring groundwork, 5-35 mm thick.
- RENOGRUNT 412: For machine-spraying application (with a power generating unit with a double mixing system) of sub-flooring groundwork, 2-20 mm thick.
- MORTAR 420: For machine-spraying or manual application of sub-flooring groundwork, 15 to 60 mm thick, indoor and outdoor use.

### Product features:
- ** RenoGrunt 411:** Indoor use, easy to use, self-leveling, contains reinforcing microfibers, high mechanical durability, may be walked on after minimum 6h, application of further finishing layers after minimum 7 days.
- ** RenoGrunt 412:** Fast-binding, indoor use, easy to use, self-leveling, high mechanical durability, may be walked on after minimum 2h, application of further finishing layers after 1 day.
- ** MORTAR 420:** Frost-proof, waterproof, easy to use, liquefied, high mechanical durability, may be walked on after minimum 24h, application of further finishing layers after minimum 14 days.

### Composition:
- ** RenoGrunt 411:** Portland cement, calcium aluminate cement, mineral fillers, modifying supplements.
- ** RenoGrunt 412:** Portland cement, calcium aluminate cement, mineral fillers, modifying supplements, polymers.
- ** MORTAR 420:** Portland cement, calcium aluminate cement, mineral fillers, modifying supplements.

### Use:
- ** RenoGrunt 411:** Consumption: c. 15 kg/m² per 1 cm thickness of the layer, granulation up to 0.5 mm, ultimate compressive strength after 28 days: ≥ 30 MPa, flexural strength after 28 days: ≥ 7 MPa.
- ** RenoGrunt 412:** Consumption: c. 15 kg/m² per 1 cm thickness of the layer, granulation up to 0.5 mm, ultimate compressive strength after 28 days: ≥ 30 MPa, flexural strength after 28 days: ≥ 5 MPa.
- ** MORTAR 420:** Consumption: c. 18 kg/m² per 1 cm thickness of the layer, granulation up to 2 mm, ultimate compressive strength after 28 days: ≥ 35 MPa, flexural strength after 28 days: ≥ 7 MPa.

### Form of delivery:
- ** RenoGrunt 411:** 25-kg sacks on pallets, 48 items on each.
- ** RenoGrunt 412:** 25-kg sacks on pallets, 48 items on each.
- ** MORTAR 420:** 25-kg sacks on pallets, 48 items on each.
| Application: | • for machine-spraying or manual (mixed concrete) application of sub-flooring groundwork, 25 mm thick, as well as other structural elements (e.g. lintels, provided that proper reinforcement is applied) • perfect groundwork for ceramic tiles, clinker brick, gres tiles, panels, flooring, floor lining, applied as groundwork for floor heating systems, floating on thermal insulation, separation layers, or binding with substructure |
| Product features: | • frost-proof • waterproof • easy to use • high mechanic durability • may be walked on after minimum 48h • application of further finishing layers after minimum 28 days |
| Composition: | • Portland cement • mineral fillers • modifying supplements |
| Use: | • consumption: c. 19.3 kg/m² per 1 cm thickness of the layer • granulation up to 4 mm • ultimate compressive strength after 28 days: ≥ 40 MPa • flexural strength after 28 days: ≥ 6 MPa |
| Technical data: | • consumption: c. 20 kg/m² per 1 cm thickness of the layer • granulation up to 2 mm • ultimate compressive strength after 28 days: ≥ 16 MPa • flexural strength after 28 days: ≥ 4 MPa |
| Form of delivery: | • 25-kg sacks on pallets, 48 items on each |
## Flooring groundwork

### QUICK-BINDING FLOORING MORTAR

| Application: | for performing quick-binding cement flooring groundwork, 25-80 mm thick, indoor and outdoor use
|             | under ceramic tiles, gres tiles and other, panels, floor lining, etc.
|             | applied as groundwork on separation layers, or binding with substructure

| Product features: | frost-proof
|                  | waterproof
|                  | easy to use
|                  | may be walked on after minimum 24h
|                  | application of further finishing layers after minimum 5 days

| Composition: | Portland cement
|             | calcium aluminate cement
|             | mineral fillers
|             | modifying supplements

| Use: | 3.5l
|     | 5l
|     | Ultimate compressive strength after 28 days: ≥ 16 MPa
|     | Flexural strength after 28 days: ≥ 4 MPa

### LEVELING MORTAR

| Application: | for repairing and filling cracks in walls and floor groundwork surfaces, for performing flooring groundwork
|             | for leveling out the groundwork prior to applying ceramic tiles, Styrofoam boards, etc.
|             | for filling installation furrows and shatters
|             | for concrete walls, and masonry walls with ceramic, silicate mineral, concrete elements, made of light, aggregate or autoclaved aerated concrete, for cement and lime-cement plasters and cement screed

| Product features: | frost-proof
|                  | waterproof
|                  | universal
|                  | easily molded
|                  | for easy leveling of groundwork
|                  | high mechanic durability
|                  | may be walked on after minimum 24h
|                  | good surface adhesion
|                  | fast-binding

| Composition: | Portland cement
|             | mineral fillers
|             | modifying supplements

| Use: | 3.6l
|     | Ultimate compressive strength: ≥ 35 MPa
|     | Ultimate flexural strength: ≥ 7 MPa

| Form of delivery: | 25-kg sacks on pallets, 48 items on each

### SELF-LEVELING FLOORING MORTAR

| Application: | for machine-spraying or manual application of sub-flooring groundwork, 20 to 60 mm thick, in dry rooms
|             | perfect groundwork for ceramic tiles, gres tiles, panels, flooring, floor lining, etc.
|             | applied as groundwork for floor heating systems
|             | applied as the binding layer on concrete, anhydrite structures or as the separation layer or with thermal insulation

| Product features: | indoor use
|                  | self-leveling
|                  | non-shrinking
|                  | very durable
|                  | easy to use

| Composition: | anhydrous calcium sulfate
|             | crushed quartz
|             | refining supplements

| Use: | 4.2l
|     | Ultimate compressive strength: ≥ 18 kg/m² per 1 cm thickness of the layer, granulation up to 2.0 mm
|     | Ultimate flexural strength: ≥ 5.0 MPa
|     | Conducting further works (filling cavities) after c. 48 hours
|     | Performing a flooring groundwork after 14 days
|     | Layer thickness: up to 50 mm

### Technical data:

| Form of delivery: | 25-kg sacks on pallets, 48 items on each

### Self-levelling flooring groundwork

| Application: | for repairing and filling cracks in walls and floor groundwork surfaces, for performing flooring groundwork after 14 days
|             | layer thickness: up to 50 mm

| Product features: | consumption: c. 18 kg/m² per 1 cm thickness of the layer, granulation up to 2.0 mm
|                  | Ultimate compressive strength after 28 days: ≥ 20 MPa
|                  | Flexural strength after 28 days: ≥ 5.0 MPa
|                  | Conducting further works (filling cavities) after 48 hours
|                  | Performing a flooring groundwork after 14 days

| Composition: | anhydrous calcium sulfate
|             | crushed quartz
|             | refining supplements

| Use: | 3.6l
|     | Consumption: c.a. 18 kg/1 cm²
|     | Ultimate compressive strength: ≥ 35 MPa
|     | Ultimate flexural strength: ≥ 7 MPa
|     | May be walked on after 2 days
|     | Next works may be performed after 14 days

### Technical data:

| Form of delivery: | 25-kg sacks on pallets, 48 items on each

## NEW !!!

<table>
<thead>
<tr>
<th><strong>SELF-LEVELING FLOORING 3-60 mm</strong></th>
<th><strong>HIGH STRENGTH CONCRETE B-20</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GROUNDWORK 201</strong></td>
<td></td>
</tr>
</tbody>
</table>

### Application:
- for machine-spraying or manual application of sub-flooring groundwork, 3 to 60 mm thick, in dry rooms
- perfect groundwork for ceramic tiles, gres tiles, panels, flooring, floor lining, etc.
- applied as groundwork for floor heating systems
- applied as the binding layer on concrete, anhydrite structures or as the separation layer or with thermal insulation
- for performing flooring groundwork, 25 to 60 mm thick, indoor and outdoor use
- for performing other concrete elements in the house and garden
- for founding fence posts

### Product features:
- indoor use
- self-leveling
- non-shrinking
- very durable
- easy to use
- waterproof
- frost-proof
- easy to use
- good durability
- may be walked on after minimum 48h
- application of further layers after minimum 28 days

### Composition:
- anhydrous calcium sulfate
- crushed quartz
- refining supplements
- Portland cement
- fillers
- modifying supplements

### Use:
- 25-kg sacks on pallets, 48 items on each
- 25-kg sacks on pallets, 48 items on each

### Technical data:
- consumption: c.a. 18 kg/1 cm²
- ultimate compressive strength: ≥ 30 MPa
- ultimate flexural strength: ≥ 6 MPa
- may be walked on after 2 days
- next works may be performed after 14 days
- consumption: c.a. 20 kg/m² per 1 cm thickness of the layer
- granulation up to 2 mm
- ultimate compressive strength after 28 days: ≥ 20 MPa
- flexural strength after 28 days: ≥ 4 MPa

### Form of delivery:
- 25-kg sacks on pallets, 48 items on each
- 25-kg sacks on pallets, 48 items on each
# Concrete repair system

<table>
<thead>
<tr>
<th>RAPID SETTING ASSEMBLY MORTAR 425 quick-binding</th>
<th>MORTAR 451 contact and anti-corrosive mortar for concrete repair</th>
<th>MORTAR 456 repair mortar 5-50 mm for concrete repair</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application:</strong></td>
<td>• for performing a contact layer (an adhesive bridge)</td>
<td>• for performing the primary, re-profiling repair layer, 5-50 mm thick, in the concrete repair system</td>
</tr>
<tr>
<td></td>
<td>• for providing anti-corrosive protection in the concrete repair system</td>
<td>• applied on concrete and reinforced concrete elements (piles, lintels, beams, etc.)</td>
</tr>
<tr>
<td></td>
<td>• applied on concrete and reinforced concrete elements (piles, lintels, beams, etc.)</td>
<td>• for performing non-structural repairs</td>
</tr>
<tr>
<td></td>
<td>• for performing non-structural repairs</td>
<td>• indoor and outdoor use</td>
</tr>
<tr>
<td></td>
<td>• outdoor use</td>
<td></td>
</tr>
<tr>
<td><strong>Product features:</strong></td>
<td>• frost-proof</td>
<td>• frost-proof</td>
</tr>
<tr>
<td></td>
<td>• waterproof</td>
<td>• waterproof</td>
</tr>
<tr>
<td></td>
<td>• does not corrode metal</td>
<td>• semi-liquid</td>
</tr>
<tr>
<td></td>
<td>• quick-binding</td>
<td>• facilitates further works</td>
</tr>
<tr>
<td></td>
<td>• fast durability increase</td>
<td>• good adhesion to concrete and steel</td>
</tr>
<tr>
<td></td>
<td>• element load after 3h</td>
<td>• high resistance to carbonatization</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• protects steel and concrete against corrosion</td>
</tr>
<tr>
<td><strong>Composition:</strong></td>
<td>• Portland cement</td>
<td>• Portland cement</td>
</tr>
<tr>
<td></td>
<td>• calcium aluminate cement</td>
<td>• polymers</td>
</tr>
<tr>
<td></td>
<td>• mineral fillers</td>
<td>• mineral fillers</td>
</tr>
<tr>
<td></td>
<td>• modifying supplements</td>
<td>• modifying supplements</td>
</tr>
<tr>
<td><strong>Use:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Technical data:</strong></td>
<td>• consumption: c. 1.6 kg/dm² per 1 cm thickness of the layer</td>
<td>• consumption: c. 19 kg/m² per 1 cm thickness of the mortar layer</td>
</tr>
<tr>
<td></td>
<td>• granulation up to 0.5 mm</td>
<td>• granulation up to 4.0 mm</td>
</tr>
<tr>
<td></td>
<td>• ultimate compressive strength after 28 days: ≥ 25 MPa</td>
<td>• ultimate compressive strength after 28 days: ≥ 25 MPa</td>
</tr>
<tr>
<td></td>
<td>• flexural strength after 3 hours: ≥ 2.5 MPa</td>
<td>• flexural strength after 28 days: ≥ 5.0 MPa</td>
</tr>
<tr>
<td></td>
<td>• ultimate compressive strength after 28 days: ≥ 5.0 MPa</td>
<td>• adhesion after 28 days – to concrete surface: ≥ 1.5 MPa</td>
</tr>
<tr>
<td></td>
<td>• adhesion after 28 days – to concrete surface: ≥ 1.5 MPa</td>
<td>• chloride contents: ≤ 0.05%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• chlorides contents: ≤ 0.05%</td>
</tr>
<tr>
<td><strong>Form of delivery:</strong></td>
<td>plastic containers:</td>
<td>25-kg sacks on pallets, 48 items on each</td>
</tr>
<tr>
<td></td>
<td>• 2 kg on pallets, 105 items on each</td>
<td>25-kg sacks on pallets, 48 items on each</td>
</tr>
<tr>
<td></td>
<td>• 25-kg sacks on pallets, 48 items on each</td>
<td>25-kg sacks on pallets, 48 items on each</td>
</tr>
</tbody>
</table>
## Concrete repair system

### Renovation system

<table>
<thead>
<tr>
<th>PLASTER 460</th>
<th>DAMP-PROOFING INJECTION LIQUID 900</th>
<th>RENOVATION RENDERING 910</th>
</tr>
</thead>
</table>
| **Application:** | • for performing the final, finishing repair layer, 1-10 mm thick, in the concrete repair system  
• applied on concrete and reinforced concrete elements (piles, lintels, beams, etc.)  
• constitutes a re-profiling layer with minor cracks  
• for performing non-structural repairs  
• indoor and outdoor use | • for performing a horizontal diaphragm protecting against capillary water action in porous materials in renovating plaster systems  
• widely applied in gravitational and pressure application  
• for performing surface proofing of porous materials  
• indoor and outdoor use | • for performing manual or mechanic renovation treatment of surfaces under priming plasters  
• for renovation and maintenance of historical buildings  
• indoor and outdoor use |
| **Product features:** | • frost-proof  
• waterproof  
• good adhesion to concrete and steel  
• low shrinking can constitute the final layer | • waterproof  
• frost-proof  
• hydrophobizes surfaces and narrows the capillaries  
• good penetration of humid walls  
• based on silicates  
• neutral to the natural environment | • waterproof  
• frost-proof  
• does not reduce vapor permeability  
• high mechanic durability  
• good adhesion to humid and salty surfaces  
• compliant with WTA guidelines |
| **Composition:** | • Portland cement  
• polymers  
• mineral fillers  
• modifying supplements | • water  
• silicates  
• organosilicones | • Portland cement  
• hydrated lime  
• mineral fillers  
• modifying supplements |
| **Use:** | | | |
| **Technical data:** | • consumption: c. 14 kg/m² per 1 cm thickness of the mortar layer  
• granulation up to 0.5 mm  
• ultimate compressive strength after 28 days: ≥ 25 MPa  
• flexural strength after 28 days: ≥ 5.0 MPa  
• adhesion after 28 days – to concrete surface: ≥ 0.8 MPa  
• chloride contents: ≤ 0.05% | • colour: colourless  
• pH: c. 12 (alkali) | • consumption: c. 6 kg/m²  
• granulation up to 1.25 mm  
• ultimate compressive strength after 28 days: ≥ 2.0 MPa  
• vapor permeability coefficient µ: 15  
• reaction to fire: class A1  
• layer thickness: up to 5 mm |
| **Form of delivery:** | • 25-kg sacks on pallets, 48 items on each | plastic containers:  
• 5 l | • 30-kg sacks on pallets, 42 items on each |
### Renovation system

#### PRIMING RENOVATION PLASTER 920
**lime-cement**

- **Application:**
  - for performing manual or mechanic priming plasters for renovating historical buildings
  - applied in spots with medium to high salt impact loads
  - for renovation and maintenance of historical buildings
  - indoor and outdoor use

- **Product features:**
  - waterproof
  - frost-proof, hydrophobic
  - does not reduce vapor permeability
  - highly porous
  - stores crystallizing salts
  - good adhesion to humid and salty surfaces
  - compliant with WTA guidelines

- **Composition:**
  - Portland cement
  - hydrated lime
  - mineral fillers
  - modifying supplements

- **Use:**
  - consumption: c. 1.20 kg/m² per 1 mm of the mortar layer thickness
  - granulation up to 2.00 mm
  - ultimate compressive strength after 28 days: CSII category
  - flexural strength after 28 days: ≥ 1.0 MPa
  - vapor permeability coefficient μ: 18
  - reaction to fire: class A1
  - layer thickness: 10-20 mm

- **Form of delivery:**
  - 30-kg sacks on pallets, 42 items on each

#### RENOVATION PLASTER 921
**lime-cement, grey**

- **Application:**
  - for performing manual or mechanic priming plasters for renovating historical buildings
  - applied in spots with medium to high salt impact loads
  - for renovation and maintenance of historical buildings
  - indoor and outdoor use

- **Product features:**
  - waterproof
  - frost-proof, hydrophobic
  - does not reduce vapor permeability
  - highly porous
  - stores crystallizing salts
  - good adhesion to humid and salty surfaces
  - compliant with WTA guidelines

- **Composition:**
  - Portland cement
  - hydrated lime
  - mineral fillers
  - modifying supplements
  - contains calcium sinter

- **Use:**
  - consumption: c. 1.1 kg/m² per 1 mm of the mortar layer thickness
  - granulation up to 0.5 mm
  - ultimate compressive strength after 28 days: CSII category
  - flexural strength after 28 days: ≥ 1.0 MPa
  - reaction to fire: class A1
  - layer thickness: 10-20 mm

- **Form of delivery:**
  - 30-kg sacks on pallets, 40 items on each

#### RENOVATION PLASTER 922
**lime-cement, white**

- **Application:**
  - for performing manual or mechanic priming plasters for renovating historical buildings
  - applied in spots with medium to high salt impact loads
  - for renovation and maintenance of historical buildings
  - indoor and outdoor use

- **Product features:**
  - waterproof
  - frost-proof, hydrophobic
  - does not reduce vapor permeability
  - highly porous
  - stores crystallizing salts
  - good adhesion to humid and salty surfaces
  - compliant with WTA guidelines

- **Composition:**
  - Portland cement
  - hydrated lime
  - mineral fillers
  - modifying supplements

- **Use:**
  - consumption: c. 1.1 kg/m² per 1 mm of the mortar layer thickness
  - granulation up to 0.5 mm
  - ultimate compressive strength after 28 days: CSII category
  - flexural strength after 28 days: ≥ 1.0 MPa
  - reaction to fire: class A1
  - layer thickness: 10-20 mm

- **Form of delivery:**
  - 30-kg sacks on pallets, 40 items on each
# LIME RENOVATION PLASTER 923

**Application:**
- for performing manual or mechanical priming plasters for renovating historical buildings and in traditional construction projects
- applied in spots with medium to high salt impact loads
- for renovation and maintenance of historical buildings
- indoor and outdoor use

**Product features:**
- waterproof
- frost-proof
- vapor-permeable
- highly porous

**Composition:**
- hydrated lime
- Portland cement fillers and modifying supplements

**Use:**
- consumption: c. 1.3 kg/m² per 1 mm of the mortar layer thickness
- granulation up to 0.5 mm
- ultimate compressive strength after 28 days: CSI category B
- flexural strength after 28 days: ≥ 1.0 MPa
- shrinking after 28 days of hardening: <0.1%
- reaction to fire: class A1
- layer thickness: up to 3 mm

**Technical data:**
- for recreating and filling cavities in surfaces performed on the basis of cement as bind
- for repairing scratches and cracks in renovating facades
- for filling cavities in bricks
- for repairing and filling cavities in cement, lime-cement plasters
- indoor and outdoor use

**Form of delivery:**
- 30-kg sacks on pallets, 40 items on each

---

# RENOVATION PLASTER 930

**Application:**
- for performing manual or mechanical finishing layers (plasters) for renovating historical buildings
- also applied as smoothing layers in renovating destroyed facades
- for renovation and maintenance of historical buildings
- indoor and outdoor use

**Product features:**
- waterproof
- frost-proof
- hydrophobic
- does not reduce vapor permeability
- compliant with WTA guidelines

**Composition:**
- Portland cement
- hydrated lime
- mineral fillers
- modifying supplements

**Use:**
- consumption: c. 1.1 kg/m² per 1 mm of the mortar layer thickness
- granulation up to 0.5 mm
- ultimate compressive strength after 28 days: ≥ 1.0 MPa
- shrinking after 28 days of hardening: <0.1%
- reaction to fire: class A1
- layer thickness: 2-15 mm

**Technical data:**
- compliant with WTA guidelines
- Portland cement
- hydrated lime
- mineral fillers
- modifying supplements
- reinforcing fibers

**Form of delivery:**
- 25-kg sacks on pallets, 48 items on each

---

# RENOVATION MORTAR 940

**Application:**
- for recreating and filling cavities in surfaces performed on the basis of cement as bind
- for repairing scratches and cracks in renovating facades
- for filling cavities in bricks
- for repairing and filling cavities in cement, lime-cement plasters
- indoor and outdoor use

**Product features:**
- waterproof
- frost-proof, hydrophobic
- universal
- contains reinforcing fibers
- good adhesion to surface, quick-binding
- does not reduce vapor permeability

**Composition:**
- Portland cement
- hydrated lime
- mineral fillers
- modifying supplements
- reinforcing fibers

**Use:**
- consumption: c. 1.35 kg/m² per 1 mm of the mortar layer thickness
- granulation up to 0.5 mm
- ultimate compressive strength after 28 days: ≥ 10.0 MPa
- flexural strength after 28 days: ≥ 3.0 MPa
- shrinking after 28 days of hardening: <0.1%
- surface adhesion: ≥ 0.40 MPa
- layer thickness: 2-15 mm

**Form of delivery:**
- 25-kg sacks on pallets, 48 items on each
## Tile adhesives

**NEW !!!**

<table>
<thead>
<tr>
<th>2-in-1 TILE ADHESIVE leveling-adhesive mortar</th>
<th>UNI MULTI 101 indoor-use adhesive mortar</th>
<th>MULTI 102 basic, frost-proof adhesive mortar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• for applying ceramic tiles on walls and floors</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• for filling cavities and surface holes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• indoor and outdoor use</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• for concrete, cement-lime plasters, cement screed, non-plastered walls</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Product features:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• layer thickness up to 2 cm</td>
<td>• waterproof</td>
<td>• waterproof</td>
</tr>
<tr>
<td>• waterproof</td>
<td>• for thin-layer application</td>
<td>• for thin-layer application</td>
</tr>
<tr>
<td>• frost-proof</td>
<td>• economy pack</td>
<td>• economy pack</td>
</tr>
<tr>
<td>• thixotropic (non-dripping)</td>
<td>• C1T class</td>
<td>• C1T class</td>
</tr>
<tr>
<td>• good adhesion</td>
<td>• reduced dripping</td>
<td>• reduced dripping</td>
</tr>
<tr>
<td>Composition:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• cement</td>
<td>• Portland cement</td>
<td>• Portland cement</td>
</tr>
<tr>
<td>• crushed quarts</td>
<td>• mineral fillers</td>
<td>• hydrated lime</td>
</tr>
<tr>
<td>• mineral fillers</td>
<td>• modifying supplements</td>
<td>• mineral fillers</td>
</tr>
<tr>
<td>• refining supplements</td>
<td></td>
<td>• modifying supplements</td>
</tr>
<tr>
<td>Use:</td>
<td></td>
<td></td>
</tr>
<tr>
<td><img src="image" alt="Tile adhesives" /></td>
<td><img src="image" alt="Tile adhesives" /></td>
<td><img src="image" alt="Tile adhesives" /></td>
</tr>
<tr>
<td>Technical data:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• granulation: 0.8 mm</td>
<td>• granulation: up to 0.5 mm</td>
<td>• granulation up to 0.5 mm</td>
</tr>
<tr>
<td>• classification according to EN-12004+A1 – C1T</td>
<td>• mortar classification according to PN-EN 12004:2008: C1T</td>
<td>• mortar classification according to PN-EN 12004:2008: C1T</td>
</tr>
<tr>
<td>• may be walked on after 24h</td>
<td>• drip: ≤ 0.05 mm</td>
<td>• dripping: ≤ 0.5 mm</td>
</tr>
<tr>
<td>• may be jointed after 48h</td>
<td>• time for applying tiles after the adhesive mortar has been applied to the surface: up to 5 minutes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• may be walked on after 24h</td>
<td>• time for correcting tile positioning: up to 10 minutes</td>
</tr>
<tr>
<td></td>
<td>• may be jointed after 48h</td>
<td>• time for correcting tile positioning: up to 10 minutes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• applying tiles after laying the adhesive on the groundwork: up to 10 minutes</td>
</tr>
<tr>
<td>Form of delivery:</td>
<td></td>
<td>• applying tiles after laying the adhesive on the groundwork: up to 10 minutes</td>
</tr>
<tr>
<td>• 25-kg sacks on pallets, 48 items on each</td>
<td>• 25-kg sacks on pallets, 48 items on each</td>
<td>• 25-kg sacks on pallets, 48 items on each</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• 10-kg sacks on pallets, 96 items on each</td>
</tr>
</tbody>
</table>
# Tile adhesives

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
<th>Application</th>
<th>Product features</th>
<th>Composition</th>
<th>Use</th>
<th>Technical data</th>
<th>Form of delivery</th>
</tr>
</thead>
</table>
| SUPER MULTI 103  | Reinforced, frost-proof adhesive mortar                                     | • for applying ceramic tiles on walls and floors (glazed ceramic tiles and terracotta)  
• indoor and outdoor use  
• for common concrete, concrete with light aggregate, autoclaved aerated concrete, cement plasters, lime-cement plasters, gypsum plasters, plasterboards, cement screed, anhydrite screed, also with floor heating | • waterproof  
• frost-proof  
• for thin-layer application  
• elasticized  
• contains reinforcing fibers  
• C1T class | • Portland cement reinforcing fibers  
• mineral fillers  
• modifying supplements | • mortar classification according to PN-EN 12004:2008: C1T  
• granulation up to 0.5 mm  
• mortar classification according to PN-EN 12004:2008: C2TE  
• dripping: ≤ 0.5 mm  
• applying tiles after laying the adhesive on the groundwork: up to 15 minutes  
• time for correcting tile positioning: up to 10 minutes  
• may be walked on after 24h  
• may be joined after 48h | • 25-kg sacks on pallets, 48 items on each  
• 10-kg sacks on pallets, 96 items on each |
| ELASTI MULTI     | Special 104 elastic adhesive mortar                                         | • for applying ceramic tiles on walls and floors (glazed ceramic tiles and terracotta)  
• for natural, non-discolouring stone, as well as for large-format tiles  
• indoor and outdoor use  
• recommended for terraces, swimming pools, old ceramic linings, oil paint dado  
• for concrete, cement and lime-cement plasters, gypsum plasters, plasterboards, dry screed, cement and anhydrite screed (also with floor heating), for liquid foil, terrazzo, etc | • waterproof  
• frost-proof  
• universal  
• for thin-layer application  
• elastic  
• long setting time allowing for regulating tile positions  
• C2TE class | • Portland cement  
• mineral fillers  
• modifying supplements | • mortar classification according to PN-EN 12004:2008: C2TE  
• drippings: ≤ 0.5 mm  
• applying tiles after laying the adhesive on the groundwork: up to 30 minutes  
• time for correcting tile positioning: up to 20 minutes  
• may be walked on after 24h  
• may be joined after 48h | • 25-kg sacks on pallets, 48 items on each |
| GRES MULTI 105   | Elastic adhesive mortar for gres tiles                                       | • for applying ceramic and gres tiles on walls and floors  
• for natural, non-discolouring stone, as well as for large-format tiles  
• indoor and outdoor use  
• for common concrete, concrete with light aggregate, autoclaved aerated concrete, cement plasters and lime-cement plasters, plasterboards, cement screed, anhydrite screed, also with floor heating, heating, terraces, surfaces covered with liquid foil | • waterproof  
• frost-proof  
• for thin-layer application  
• elastic  
• C1T class | | • mortar classification according to PN-EN 12004:2008: C1T  
• dripping: ≤ 0.5 mm  
• applying tiles after laying the adhesive on the groundwork: up to 20 minutes  
• time for correcting tile positioning: up to 20 minutes  
• may be walked on after 24h  
• may be joined after 48h | • 25-kg sacks on pallets, 48 items on each |
# Tile adhesives

## EXPRESS 106
**quick-binding adhesive mortar**

- **Application:**
  - for applying ceramic tiles on walls and floors (gazed and terracotta tiles, clinker brick), indoor and outdoor use
  - for applying gres tiles, indoor use
  - for common concrete, concrete with light aggregate, autoclaved aerated concrete, cement plasters and lime-cement plasters, plasterboards, cement screed, anhydrite screed

- **Product features:**
  - waterproof
  - frost-proof
  - for thin-layer application
  - quick-binding
  - joining 3-4h after application
  - C1FT class

- **Composition:**
  - Portland cement
  - calcium aluminate cement
  - mineral fillers
  - modifying supplements

- **Use:**
  - granulation up to 0.5 mm
  - mortar classification according to PN-EN 12004:2008: C1FT
  - dripping: ≤ 0.5 mm
  - applying tiles after laying the adhesive on the groundwork: up to 10 minutes
  - time for correcting tile positioning: up to 5 minutes
  - may be walked on after 3h
  - may be joined after 3-4h

- **Technical data:**
  - granulation up to 0.5 mm
  - mortar classification according to PN-EN 12004:2008: C2TE
  - dripping: ≤ 0.5 mm
  - applying tiles after laying the adhesive on the groundwork: up to 30 minutes
  - time for correcting tile positioning: up to 30 minutes
  - may be walked on after 18h
  - may be joined after 48h

- **Form of delivery:**
  - 25-kg sacks on pallets, 48 items on each

## KAMLEP Plus 108
**white, elastic adhesive mortar for natural stone**

- **Application:**
  - for natural stone
  - for applying ceramic tiles on walls and floors, including large surfaces
  - indoor and outdoor use
  - recommended for terraces, swimming pools, old ceramic linings, oil paint dado, and terrazzo, etc.
  - for concrete, cement and lime-cement plasters, gypsum plasters, plasterboards, dry screed, cement and anhydrite screed (with floor heating), surfaces covered with liquid foil

- **Product features:**
  - waterproof
  - frost-proof
  - white
  - application up to 15 mm
  - contains Rhine calcium sinter preventing mold
  - long setting time allowing for regulating tile positions
  - C2TE class

- **Composition:**
  - white Portland cement
  - mineral fillers
  - modifying supplements

- **Use:**
  - mortars classification according to PN-EN 12004:2008: C2TE
  - dripping: ≤ 0.5 mm
  - applying tiles after laying the adhesive on the groundwork: up to 30 minutes
  - time for correcting tile positioning: up to 30 minutes
  - may be walked on after 48h
  - may be joined after 48h

- **Technical data:**
  - reaction to fire: A1
  - initial shear strength: ≥ 1.0 N/mm²
  - shear strength after thermal maturity: ≥ 1.0 N/mm²
  - applying tiles after laying the adhesive on the groundwork: up to 30 minutes
  - time for correcting tile positioning: up to 30 minutes
  - may be walked on after 18h
  - may be joined after 48h

- **Form of delivery:**
  - 25-kg sacks on pallets, 48 items on each

## DISPERSION ADHESIVE 111
**frost-proof, universal**

- **Application:**
  - for applying ceramic and ceramic tiles on walls and floors, concrete tiles, gyspum, cork and plastic tiles
  - ideal for mosaic tiles
  - indoor and outdoor use
  - recommended for OSB, wood-chip boards, wooden ground
  - for concrete, cement and lime-cement plasters, gypsum plasters, plasterboards, dry screed, cement and anhydrite screed, surfaces covered with liquid foil, oil paint dado

- **Product features:**
  - white
  - waterproof
  - frost-proof
  - ready-to-use
  - thin-layered
  - highly elastic
  - long setting time allowing for regulating tile positions
  - D2E class

- **Composition:**
  - water dispersion of acrylic-styrene copolymer
  - mineral fillers
  - modifying supplements

- **Use:**
  - water resistance
  - frost-proof
  - white
  - resistant to water
  - ready-to-use
  - thin-layered
  - highly elastic
  - long setting time allowing for regulating tile positions
  - D2E class

- **Technical data:**
  - reaction to fire: A1
  - initial shear strength: ≥ 1.0 N/mm²
  - shear strength after thermal maturity: ≥ 1.0 N/mm²
  - applying tiles after laying the adhesive on the groundwork: up to 30 minutes
  - time for correcting tile positioning: up to 30 minutes
  - may be walked on after 18h
  - may be joined after 48h

- **Form of delivery:**
  - plastic containers:
    - 7 kg on pallets, 80 items on each
    - 15 kg on pallets, 33 items on each
<table>
<thead>
<tr>
<th><strong>KLINKIER MULTI 112</strong></th>
<th><strong>ADHESIVE FOR LARGE-FORMAT TILES 113</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application:</strong></td>
<td>• For applying all types of large-format glazed and terracotta tiles as well as stone tiles, including marble prone to discolouration</td>
</tr>
<tr>
<td></td>
<td>• recommended for OSB, woodchip boards, wooden ground</td>
</tr>
<tr>
<td></td>
<td>• for all types of surfaces, including difficult ones: old ceramic linings, OSB boards, oil paint surfaces, liquid foil insulations</td>
</tr>
<tr>
<td></td>
<td>• for use in terraces, balconies, in saunas, swimming pools, for fireplace housings</td>
</tr>
<tr>
<td></td>
<td>• indoor and outdoor use</td>
</tr>
<tr>
<td><strong>Product features:</strong></td>
<td>• waterproof</td>
</tr>
<tr>
<td></td>
<td>• non-deforming</td>
</tr>
<tr>
<td></td>
<td>• white, does not decolourize natural stone</td>
</tr>
<tr>
<td></td>
<td>• elastic</td>
</tr>
<tr>
<td></td>
<td>• extended setting time</td>
</tr>
<tr>
<td></td>
<td>• waterproof</td>
</tr>
<tr>
<td></td>
<td>• frost-proof</td>
</tr>
<tr>
<td></td>
<td>• C2TE S1 class</td>
</tr>
<tr>
<td><strong>Composition:</strong></td>
<td>• Portland cement</td>
</tr>
<tr>
<td></td>
<td>• white Portland cement</td>
</tr>
<tr>
<td></td>
<td>• mineral fillers</td>
</tr>
<tr>
<td></td>
<td>• reinforcing fibers</td>
</tr>
<tr>
<td></td>
<td>• mineral fillers and modifying supplements</td>
</tr>
<tr>
<td><strong>Use:</strong></td>
<td>• granulation up to 0.5 mm</td>
</tr>
<tr>
<td></td>
<td>• mortar classification according to PN-EN 12004:2008: C2TE</td>
</tr>
<tr>
<td></td>
<td>• dripping: ≤ 0.5 mm</td>
</tr>
<tr>
<td></td>
<td>• applying tiles after laying the adhesive on the groundwork: up to 30 minutes</td>
</tr>
<tr>
<td></td>
<td>• time for correcting tile positioning: up to 20 minutes</td>
</tr>
<tr>
<td></td>
<td>• may be walked on after 24h</td>
</tr>
<tr>
<td></td>
<td>• may be joined after 48h</td>
</tr>
<tr>
<td><strong>Technical data:</strong></td>
<td>• granulation up to 0.5 mm</td>
</tr>
<tr>
<td></td>
<td>• mortar classification according to PN-EN 12004:2008: C2TE S1</td>
</tr>
<tr>
<td></td>
<td>• dripping: ≤ 0.5 mm</td>
</tr>
<tr>
<td></td>
<td>• applying tiles after laying the adhesive on the groundwork: up to 30 minutes</td>
</tr>
<tr>
<td></td>
<td>• may be walked on after 24h</td>
</tr>
<tr>
<td></td>
<td>• may be joined after 48h</td>
</tr>
<tr>
<td></td>
<td>• consumption: c. 1.3 kg/m² for 1 of layer thickness</td>
</tr>
<tr>
<td><strong>Form of delivery:</strong></td>
<td>• 25-kg sacks on pallets, 48 items on each</td>
</tr>
<tr>
<td></td>
<td>• 10 kg on pallets, 33 items on each</td>
</tr>
</tbody>
</table>

- **Tile adhesives**

- **KLINKIER MULTI 112** elastic adhesive mortar for clinker tiles

- **ADHESIVE FOR LARGE-FORMAT TILES 113**

- **Application:**
  - for applying clinker tiles and on walls and floors, including large surfaces
  - indoor and outdoor use
  - recommended for terraces, swimming pools, old ceramic linings, oil paint dado, and terrazzo, etc.
  - for concrete, cement and lime-cement plasters, gypsum plasters, plasterboards, dry screed, cement and anhydrite screed (with floor heating), surfaces covered with liquid foil

- **Product features:**
  - waterproof
  - frost-proof
  - ready-to-use
  - for thin-layer application
  - elastic
  - long setting time allowing for regulating tile positions
  - C2TE class

- **Composition:**
  - Portland cement
  - mineral fillers
  - modifying supplements

- **Use:**

- **Technical data:**
  - granulation up to 0.5 mm
  - mortar classification according to PN-EN 12004:2008: C2TE
  - applying tiles after laying the adhesive on the groundwork: up to 30 minutes
  - time for correcting tile positioning: up to 20 minutes
  - may be walked on after 24h
  - may be joined after 48h

- **Form of delivery:**
  - plastic containers:
  - 10 kg on pallets, 33 items on each
### Thermal insulation system mortars

<table>
<thead>
<tr>
<th><strong>Application</strong></th>
<th><strong>Product features</strong></th>
<th><strong>Composition</strong></th>
<th><strong>Use</strong></th>
<th><strong>Technical data</strong></th>
<th><strong>Form of delivery</strong></th>
</tr>
</thead>
</table>
| **LEPSTYR 210** | • designed for applying Styrofoam panels in TURBO systems  
• outdoor use  
• for common concrete, concrete with light aggregate, autoclaved aerated concrete, cement and lime-cement plasters  
• waterproof  
• frost-proof  
• vapor-permeable  
• good adhesion to Styrofoam and groundwork  
• Portland cement  
• hydrated lime  
• mineral fillers  
• modifying supplements | • consumption: c. 4-5 kg/m²  
• granulation: up to 0.5 mm  
• adhesion to concrete when in air-dry state: ≥ 0.3 MPa  
• adhesion to Styrofoam: ≥ 0.1 MPa  
• dissolved chromium contents in the ready product mass: ≤ 0.0002%  
• temperature drop up to -5°C after 8 hours following application at the earliest  
• applied panels must be tied mechanically | • consumption: c. 4-5 kg/m²  
• granulation: up to 0.5 mm  
• adhesion to concrete: ≥ 0.3 MPa  
• adhesion to Lamella wool: ≥ 0.1 MPa  
• adhesion to common mineral wool: ≥ 0.015 MPa  
• applied panels must be tied mechanically | • 25-kg sacks on pallets, 48 items on each |
| **LEPSTYR Z 211** | • designed for applying Styrofoam panels in TURBO Z-SA winter insulation systems  
• for performing thermal insulation works in low temperature conditions of >0°C  
• outdoor use  
• for common concrete, concrete with light aggregate, autoclaved aerated concrete, cement and lime-cement plasters  
• waterproof  
• frost-proof  
• vapor-permeable  
• good adhesion to Styrofoam and groundwork  
• fast durability increase  
• early resistance to frost action (as early as 8 hours after application)  
• Portland cement  
• hydraulic binds  
• mineral fillers  
• modifying supplements | • consumption: c. 4-5 kg/m²  
• granulation: up to 0.5 mm  
• adhesion to concrete: ≥ 0.3 MPa  
• adhesion to Lamella wool: ≥ 0.1 MPa  
• adhesion to common mineral wool: ≥ 0.015 MPa  
• applied panels must be tied mechanically | • 25-kg sacks on pallets, 48 items on each |
| **LEPSTYR-W 230** | • designed for applying common and lamella mineral wool thermal insulation panels in TURBO-W systems  
• outdoor use  
• for common concrete, concrete with light aggregate, autoclaved aerated concrete, cement and lime-cement plasters  
• waterproof  
• frost-proof  
• vapor-permeable  
• good adhesion to mineral wool and groundwork | • Portland cement  
• hydraulic binds  
• mineral fillers  
• modifying supplements | • 25-kg sacks on pallets, 48 items on each |

**LEPSTYR 210** adhesive mortar for mounting Styrofoam panels  
**LEPSTYR Z 211** WINTER SYSTEM – TURBO Z-SA winter adhesive mortar for mounting Styrofoam panels  
**LEPSTYR-W 230** adhesive mortar for mounting mineral wool panels
## Thermal insulation system mortars

<table>
<thead>
<tr>
<th>LEPSTYR WG 231</th>
<th>STYRLEP 220</th>
<th>STYRLEP Z 221</th>
</tr>
</thead>
<tbody>
<tr>
<td>GARAGE SYSTEM – TURBO WG</td>
<td>adhesive-reinforcing mortar for Styrofoam-based thermal insulation systems</td>
<td>WINTER SYSTEM – TURBO Z-SA</td>
</tr>
<tr>
<td><strong>Application:</strong></td>
<td><strong>Product features:</strong></td>
<td><strong>Application:</strong></td>
</tr>
<tr>
<td>• designed for applying common and lamella mineral wool thermal insulation panels in TURBO-WG systems on ceilings above non-heated rooms</td>
<td>• waterproof</td>
<td>• designed for performing a reinforcing layer, as well as for mounting Styrofoam in the TURBO Z-SA thermal insulation system</td>
</tr>
<tr>
<td>• indoor and outdoor use</td>
<td>• frost-proof</td>
<td>• for performing thermal insulation works in low temperature conditions of &gt;0°C</td>
</tr>
<tr>
<td>• for concrete, reinforced concrete ceilings, ceilings made from prefabricated elements constructed at the construction site, ceramic, densely-ribbed ceilings, made from prefabricated elements, etc.</td>
<td>• vapor-permeable</td>
<td>• outdoor use</td>
</tr>
<tr>
<td><strong>Product features:</strong></td>
<td>• hydrophobic</td>
<td>• for common concrete, concrete with light aggregate, autoclaved aerated concrete, cement and lime-cement plasters</td>
</tr>
<tr>
<td>• waterproof</td>
<td>• contains reinforcing fibers</td>
<td><strong>Composition:</strong></td>
</tr>
<tr>
<td>• frost-proof</td>
<td>• good adhesion to Styrofoam and groundwork</td>
<td>• Portland cement</td>
</tr>
<tr>
<td>• vapor-permeable</td>
<td>• reinforcing fibers</td>
<td>• hydrated lime</td>
</tr>
<tr>
<td>• good adhesion to mineral wool and groundwork</td>
<td>• mineral fillers</td>
<td>• reinforcing fibers</td>
</tr>
<tr>
<td><strong>Composition:</strong></td>
<td>• modifying supplements</td>
<td>• mineral fillers</td>
</tr>
<tr>
<td>• Portland cement</td>
<td>• modifying supplements</td>
<td>• modifying supplements</td>
</tr>
<tr>
<td>• hydraulic binds</td>
<td>• reinforcing fibers</td>
<td><strong>Use:</strong></td>
</tr>
<tr>
<td>• mineral fillers</td>
<td>• hydrophobic</td>
<td><strong>Technical data:</strong></td>
</tr>
<tr>
<td>• modifying supplements</td>
<td>• contains reinforcing fibers</td>
<td>• consumption: c. 4-5 kg/m²</td>
</tr>
<tr>
<td><strong>Use:</strong></td>
<td>• good adhesion to Styrofoam and groundwork</td>
<td>• granulation: up to 0.5 mm</td>
</tr>
<tr>
<td>• designed for performing a reinforcing layer in TURBO thermal insulation systems</td>
<td>• adhesion to concrete when in air-dry state: ≥ 0.3 MPa</td>
<td>• adhesion to Styrofoam: ≥ 0.8 MPa</td>
</tr>
<tr>
<td>• also designed for mounting Styrofoam in these systems</td>
<td>• adhesion to concrete: ≥ 0.1 MPa</td>
<td>• dissolved chromium contents in the ready product mass: ≤ 0.0002%</td>
</tr>
<tr>
<td>• outdoor use</td>
<td>• adhesion to concrete when in air-dry state: ≥ 0.3 MPa</td>
<td>• temperature drop up to -5°C after 8 hours following application at the earliest</td>
</tr>
<tr>
<td>• for common concrete, concrete with light aggregate, autoclaved aerated concrete, cement and lime-cement plasters</td>
<td>• interlayer adhesion when in air-dry state: ≥ 0.08 MPa</td>
<td>• applied panels must be tied mechanically</td>
</tr>
<tr>
<td>• interlayer adhesion when in air-dry state: ≥ 0.08 MPa</td>
<td>• interlayer adhesion after the frost resistance test: ≥ 0.04 MPa</td>
<td><strong>Form of delivery:</strong></td>
</tr>
<tr>
<td>• interlayer adhesion after the frost resistance test: ≥ 0.04 MPa</td>
<td>• fire classification: inflammable</td>
<td>• 25-kg sacks on pallets, 48 items on each</td>
</tr>
<tr>
<td>• fire classification: inflammable</td>
<td></td>
<td>• 25-kg sacks on pallets, 48 items on each</td>
</tr>
</tbody>
</table>

**Technical data:**
- Consumption: c. 5-6 kg/m²
- Granulation: up to 0.5 mm
- Classification in terms of reaction to fire
- Interlayer adhesion when in air-dry state: ≥ 0.08 MPa
- Interlayer adhesion after the frost resistance test: ≥ 0.04 MPa
- Fire classification: inflammable

**Form of delivery:**
- 25-kg sacks on pallets, 48 items on each
## Thermal insulation system mortars

### Application:
- STYRLEP-B 225: designed for performing a reinforcing layer, as well as for mounting panels in TURBO Styrofoam and TURBO-W mineral wool thermal insulation systems
- STYRLEP-W 240: designed for performing a reinforcing layer in TURBO-W mineral wool thermal insulation systems
- Outdoor use
- For common concrete, concrete with light aggregate, autoclaved aerated concrete, cement and lime-cement plaster
- The finished reinforcing layer does not require additional plaster priming

### Product features:
- **STYRLEP-B 225**
  - Waterproof
  - Frost-proof
  - Vapor-permeable
  - White
  - Highly hydrophobic
  - Contains reinforcing fibers
  - Good adhesion to Styrofoam, mineral wool and groundwork
- **STYRLEP-W 240**
  - Waterproof
  - Frost-proof
  - Vapor-permeable
  - Highly hydrophobic
  - Contains reinforcing fibers
  - Good adhesion to Styrofoam and groundwork

### Composition:
- **STYRLEP-B 225**
  - White Portland cement
  - Reinforcing fibers
  - Mineral fillers
  - Modifying supplements
- **STYRLEP-W 240**
  - Portland cement
  - Reinforcing fibers
  - Mineral fillers
  - Modifying supplements

### Use:
- **STYRLEP-B 225**
  - Consumption: c. 4-6 kg/m²
  - Granulation: up to 1.0 mm
  - Adhesion to Styrofoam: ≥ 0.1 MPa
  - Adhesion to Lamella wool: 0.1 MPa
  - Adhesion to common mineral wool: 0.015 MPa
  - Applied panels must be tied mechanically
- **STYRLEP-W 240**
  - Consumption: c. 5-6 kg/m²
  - Granulation: up to 0.8 mm
  - Adhesion to concrete when in air-dry state: ≥ 0.3 MPa
  - Adhesion to Lamella wool: ≥ 0.1 MPa
  - Adhesion to common mineral wool: ≥ 0.015 MPa
  - Applied panels must be tied mechanically

### Form of delivery:
- **STYRLEP-B 225**: 25-kg sacks on pallets, 48 items on each
- **STYRLEP-W 240**: 25-kg sacks on pallets, 48 items on each
# Jointing grout and silicone

<table>
<thead>
<tr>
<th><strong>GROUT 701 for clinker</strong></th>
<th><strong>EPOXI GROUT 710</strong></th>
<th><strong>NANOTECH GROUT 730</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application:</strong></td>
<td><strong>Product features:</strong></td>
<td><strong>Use:</strong></td>
</tr>
<tr>
<td>for jointing tiles, bricks and clinker fittings</td>
<td>for good adhesion</td>
<td>for jointing wall and floor ceramic, clinker, gres, glass and concrete tiles</td>
</tr>
<tr>
<td>for wall and floor application of ceramic, glass, concrete tiles</td>
<td>high durability</td>
<td>for natural non-decolourizing stone</td>
</tr>
<tr>
<td>for façades, floors, walls</td>
<td>waterproof</td>
<td>for façades, floors, walls</td>
</tr>
<tr>
<td>indoor and outdoor use</td>
<td>frost-proof</td>
<td>indoor and outdoor use</td>
</tr>
<tr>
<td></td>
<td>good adhesion</td>
<td>for floor heating, terraces and balconies</td>
</tr>
<tr>
<td></td>
<td>high durability</td>
<td></td>
</tr>
<tr>
<td></td>
<td>waterproof</td>
<td></td>
</tr>
<tr>
<td></td>
<td>frost-proof</td>
<td></td>
</tr>
<tr>
<td></td>
<td>good adhesion</td>
<td></td>
</tr>
<tr>
<td></td>
<td>high durability</td>
<td></td>
</tr>
<tr>
<td></td>
<td>universal</td>
<td></td>
</tr>
<tr>
<td></td>
<td>very good resistance to abrasion</td>
<td></td>
</tr>
<tr>
<td></td>
<td>resistant to salt stains</td>
<td></td>
</tr>
<tr>
<td><strong>Composition:</strong></td>
<td><strong>Technical data:</strong></td>
<td><strong>Form of delivery:</strong></td>
</tr>
<tr>
<td>Portland cement</td>
<td>joint width: from 5 to 20 mm</td>
<td>sacks:</td>
</tr>
<tr>
<td>sinter</td>
<td>colours: gray, graphite, black, brown, brick-red, sandy</td>
<td>10 kg on pallets, 96 items on each</td>
</tr>
<tr>
<td>mineral fillers</td>
<td>bulk density of dry mix: 1.38 g/cm³</td>
<td>25 kg on pallets, 48 items on each</td>
</tr>
<tr>
<td>modifying supplements</td>
<td>ultimate compressive strength: ≥ 25.5 MPa</td>
<td>plastic containers:</td>
</tr>
<tr>
<td>pigments</td>
<td>flexural strength: ≥ 7.3 MPa</td>
<td>5 kg on pallets, 60 items each</td>
</tr>
<tr>
<td></td>
<td>classification according to PN-EN 13888:2010: CG2A</td>
<td>plastic sacks:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 kg on pallets, 256 items on each</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 kg on pallets, 128 items on each</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Use:</strong></td>
<td><strong>Use:</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>for jointing wall and floor ceramic, clinker, gres, glass and concrete tiles</td>
<td></td>
</tr>
<tr>
<td></td>
<td>for wall and floor application of ceramic, glass, concrete tiles</td>
<td></td>
</tr>
<tr>
<td></td>
<td>for façades, floors, walls</td>
<td></td>
</tr>
<tr>
<td></td>
<td>indoor and outdoor use</td>
<td></td>
</tr>
<tr>
<td></td>
<td>for floor heating, terraces and balconies</td>
<td></td>
</tr>
<tr>
<td><strong>Technical data:</strong></td>
<td><strong>Use:</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>joint width: from 1 to 10 mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>colours: white, gray, beige</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ultimate compressive strength when stored in dry conditions, according to PN-EN 13888:2010: ≥ 45 MPa</td>
<td></td>
</tr>
<tr>
<td></td>
<td>chemical resistance: 35% sulfuric acid, 20% sodium hydroxide, 3% hydrochloric acid, 10% citric acid, 5% lactic acid</td>
<td></td>
</tr>
<tr>
<td></td>
<td>flexural strength: ≥ 3.5 MPa</td>
<td></td>
</tr>
<tr>
<td></td>
<td>classification according to PN-EN 13888:2010: CG2WA</td>
<td></td>
</tr>
<tr>
<td><strong>Form of delivery:</strong></td>
<td><strong>Use:</strong></td>
<td></td>
</tr>
<tr>
<td>sacks:</td>
<td>for jointing wall and floor ceramic, clinker, gres, glass and concrete tiles</td>
<td></td>
</tr>
<tr>
<td>10 kg on pallets, 96 items on each</td>
<td>for wall and floor application of ceramic, glass, concrete tiles</td>
<td></td>
</tr>
<tr>
<td>25 kg on pallets, 48 items on each</td>
<td>for façades, floors, walls</td>
<td></td>
</tr>
<tr>
<td></td>
<td>indoor and outdoor use</td>
<td></td>
</tr>
<tr>
<td>plastic containers:</td>
<td>for floor heating, terraces and balconies</td>
<td></td>
</tr>
<tr>
<td>5 kg on pallets, 60 items each</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

[Colour chart page 62]
<table>
<thead>
<tr>
<th>SILVER GROUT 731</th>
<th>SILIKOLOR 720</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application:</strong></td>
<td><strong>Product features:</strong></td>
</tr>
<tr>
<td>• for jointing wall and floor ceramic, clinker, gres, glass and concrete tiles</td>
<td>• good adhesion</td>
</tr>
<tr>
<td></td>
<td>• high durability</td>
</tr>
<tr>
<td></td>
<td>• high colour durability</td>
</tr>
<tr>
<td></td>
<td>• resistant to mold and algae</td>
</tr>
<tr>
<td></td>
<td>• waterproof and frost-proof</td>
</tr>
<tr>
<td></td>
<td>• universal, hydrophobic</td>
</tr>
<tr>
<td></td>
<td>• very good resistance to abrasion</td>
</tr>
<tr>
<td></td>
<td>• smooth surface</td>
</tr>
<tr>
<td><strong>Product features:</strong></td>
<td><strong>Composition:</strong></td>
</tr>
<tr>
<td>• for sealing joints around washbasins, bathtubs, shower basins, bidets, shower cabins</td>
<td>• Portland cement</td>
</tr>
<tr>
<td></td>
<td>• sealing nanoparticles</td>
</tr>
<tr>
<td></td>
<td>• silver nanoparticles</td>
</tr>
<tr>
<td></td>
<td>• mineral fillers</td>
</tr>
<tr>
<td></td>
<td>• modifying supplements</td>
</tr>
<tr>
<td></td>
<td>• pigments</td>
</tr>
<tr>
<td><strong>Composition:</strong></td>
<td><strong>Product features:</strong></td>
</tr>
<tr>
<td>• silicone resin</td>
<td>• good adhesion</td>
</tr>
<tr>
<td>• synthetic rubber</td>
<td>• high durability</td>
</tr>
<tr>
<td>• fillers</td>
<td>• high elasticity</td>
</tr>
<tr>
<td>• modifiers</td>
<td>• waterproof</td>
</tr>
<tr>
<td></td>
<td>• frost-proof</td>
</tr>
<tr>
<td></td>
<td>• resistant to mold</td>
</tr>
<tr>
<td></td>
<td>• smooth surface</td>
</tr>
<tr>
<td><strong>Use:</strong></td>
<td><strong>Use:</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Use:</strong></td>
</tr>
<tr>
<td><strong>Technical data:</strong></td>
<td></td>
</tr>
<tr>
<td>• joint width: from 1 to 20 mm</td>
<td></td>
</tr>
<tr>
<td>• colours: 24 colours</td>
<td></td>
</tr>
<tr>
<td>• bulk density of dry mix: c.1.25 g/cm³</td>
<td></td>
</tr>
<tr>
<td>• ultimate compressive strength: ≥ 15 MPa</td>
<td></td>
</tr>
<tr>
<td>• flexural strength: ≥ 3.5 MPa</td>
<td></td>
</tr>
<tr>
<td>• classification according to PN-EN 13888:2010: CG2WA</td>
<td></td>
</tr>
<tr>
<td><strong>Form of delivery:</strong></td>
<td><strong>Form of delivery:</strong></td>
</tr>
<tr>
<td>plastic containers:</td>
<td>plastic containers:</td>
</tr>
<tr>
<td>• 2 kg</td>
<td>• 2 kg</td>
</tr>
</tbody>
</table>
| | | | Colour chart page 62 | Colour chart page 62
| Application: | for performing masonry works  
| for erecting walls and pillars made of ceramic, lime-sandstone, concrete tiles, as well as elements made of light aggregate and autoclaved aerated concrete | for erecting and joining partitions with high thermal insulation properties  
| for erecting walls out of blocks, CMUs or heat-insulating bricks  
| indoor and outdoor use | for erecting thin joints using autoclaved aerated concrete, aerated concrete, silicate blocks  
| in wintertime, in temperatures above 0°C  
| indoor and outdoor use |
| Product features: | waterproof  
| frost-proof  
| traditional  
| high durability | heat-insulating  
| waterproof  
| frost-proof  
| hydrophobized |
| Composition: | Portland cement  
| hydrated lime  
| mineral fillers  
| modifying supplements | Portland cement  
| hydrated lime  
| mineral fillers  
| modifying supplements  
| pearlite |
| Use: | | |
| Technical data: | consumption: c. 1.88 kg of dry mix per 1 dm² of fresh mortar  
| bulk density of dry mix: c. 1.45 g/cm³  
| ultimate compressive strength: M5  
| joint strength: ≥ 0.15 MPa  
| reaction to fire: class A1  
| granulation: 0-2 mm | consumption: c. 30l of dry mix for a ceramic CMU of 38 cm  
| bulk density of fresh mix: c. 1.0 g/cm³  
| ultimate compressive strength: M2.5  
| joint strength: ≥ 0.15 MPa  
| reaction to fire: class A1  
| granulation: 0-2 mm | consumption: c. 1.40 kg of dry mix per 1 dm² of fresh mortar  
| bulk density of fresh mix: c. 1.44 g/cm³  
| ultimate compressive strength after 28 days: 5 MPa  
| joint strength: ≥ 0.30 MPa  
| reaction to fire: class A1  
| granulation: 0-0.5 mm |
| Form of delivery: | 25-kg sacks on pallets, 48 items on each | 25-kg sacks on pallets, 48 items on each | 25-kg sacks on pallets, 48 items on each |
# Masonry mortars

<table>
<thead>
<tr>
<th>Product</th>
<th>Details</th>
</tr>
</thead>
</table>
| **MURLEP BZ 122 M10** winter, white, thin-layer masonry mortar for autoclaved aerated concrete and silicates | • for erecting walls with thin joints out of autoclaved aerated concrete, aerated concrete, silicate blocks  
• in wintertime, in temperatures above 0°C  
• indoor and outdoor use  
• M10 class  
• white  
• waterproof  
• frost-proof  
• thin-layered  
• prevents the formation of thermal bridges  
• consumption: c. 1.40 kg of dry mix per 1 dm² of fresh mortar  
• bulk density of dry mix: c. 1.44 g/cm³  
• ultimate compressive strength after 28 days: 10 MPa  
• joint strength: ≥ 0.30 MPa  
• reaction to fire: class A1  
• granulation: 0-0.5 mm  
• 25-kg sacks on pallets, 48 items on each |
| **MURLEP Z 123 M5** winter, white, thin-layer masonry mortar for autoclaved aerated concrete and silicates | • for erecting walls with thin joints out of autoclaved aerated concrete, aerated concrete, silicate blocks  
• in wintertime, in temperatures above 0°C  
• indoor and outdoor use  
• M5 class  
• waterproof  
• frost-proof  
• thin-layered  
• prevents the formation of thermal bridges  
• consumption: c. 1.40 kg of dry mix per 1 dm² of fresh mortar  
• bulk density of dry mix: c. 1.44 g/cm³  
• ultimate compressive strength after 28 days: 5 MPa  
• joint strength: ≥ 0.30 MPa  
• reaction to fire: class A1  
• granulation: 0-0.5 mm  
• 25-kg sacks on pallets, 48 items on each |
| **MURLEP Z 124 M10** winter, white, thin-layer masonry mortar for autoclaved aerated concrete and silicates | • for erecting walls with thin joints out of autoclaved aerated concrete, aerated concrete, silicate blocks  
• in wintertime, in temperatures above 0°C  
• indoor and outdoor use  
• M10 class  
• waterproof  
• frost-proof  
• thin-layered  
• prevents the formation of thermal bridges  
• consumption: c. 1.40 kg of dry mix per 1 dm² of fresh mortar  
• bulk density of dry mix: c. 1.44 g/cm³  
• ultimate compressive strength after 28 days: 10 MPa  
• joint strength: ≥ 0.30 MPa  
• reaction to fire: class A1  
• granulation: 0-0.5 mm  
• 25-kg sacks on pallets, 48 items on each |
### Masonry mortars

<table>
<thead>
<tr>
<th>Application</th>
<th>Product features</th>
<th>Composition</th>
<th>Use</th>
<th>Technical data</th>
<th>Form of delivery</th>
</tr>
</thead>
</table>
| **MURLEP 125** thin-layer masonry mortar for autoclaved aerated concrete and silicates | • for erecting walls out of autoclaved aerated blocks, with thin joints  
• for erecting walls out of lime-sandstone blocks  
• indoor and outdoor use | • Portland cement  
• mineral fillers  
• modifying supplements | • waterproof  
• frost-proof  
• thin-layered  
• high durability  
• prevents the formation of thermal bridges | • consumption: c. 1.40 kg of dry mix per 1 dm² of fresh mortar  
• bulk density of dry mix: c. 1.47 g/cm³  
• ultimate compressive strength: M5  
• joint strength: ≥ 0.30 MPa  
• reaction to fire: class A1  
• granulation: 0-0.5 mm | • 25-kg sacks on pallets, 48 items on each |
| **MURLEP-B 126** white, thin-layer masonry mortar for autoclaved aerated concrete and silicates | • for erecting walls out of autoclaved aerated blocks, with thin joints  
• for erecting walls out of lime-sandstone blocks  
• indoor and outdoor use | • white Portland cement  
• mineral fillers  
• modifying supplements | • white  
• waterproof  
• frost-proof  
• thin-layered  
• high durability  
• prevents the formation of thermal bridges | • consumption: c. 1.40 kg of dry mix per 1 dm² of fresh mortar  
• bulk density of dry mix: c. 1.47 g/cm³  
• ultimate compressive strength: M5  
• joint strength: ≥ 0.30 MPa  
• reaction to fire: class A1  
• granulation: 0-0.5 mm | • 25-kg sacks on pallets, 48 items on each |
| **POZMUR-KL NANO 130** masonry mortar for clinker brick | • for laying façade clinker bricks with full joints  
• for erecting walls and pillars out of clinker elements  
• indoor and outdoor use | • metallurgical cement  
• calcium sinter  
• mineral fillers  
• modifying supplements | • waterproof  
• frost-proof  
• high durability  
• limits mold and stains  
• contains calcium sinter  
• hydrophobic | • consumption: c. 1.40 kg of dry mix per 1 dm² of fresh mortar  
• ultimate compressive strength: M10  
• ultimate flexural strength: ≥ 2.5 MPa  
• reaction to fire: class A1  
• granulation: 0-2 mm  
• colours: sandy, gray, graphite, brown, brick-red, black | • 25-kg sacks on pallets, 48 items on each |
### Masonry mortars

**PUSTLEP 140**  
specialist masonry mortar for glass CMUs

<table>
<thead>
<tr>
<th>Application</th>
<th>Product features</th>
<th>Composition</th>
<th>Use</th>
<th>Technical data</th>
<th>Form of delivery</th>
</tr>
</thead>
<tbody>
<tr>
<td>for erecting walls out of glass CMUs and performing reinforced perimeter riblings in these walls</td>
<td>waterproof</td>
<td>Portland cement</td>
<td>consumption: c. 18 kg/m² of a wall built from 19×19×8 cm glass CMUs</td>
<td>buckets: 15 kg on pallets, 33 items on each</td>
<td></td>
</tr>
<tr>
<td>indoor and outdoor use</td>
<td>frost-proof</td>
<td>hydrated lime</td>
<td>granulation: up to 1.25 mm</td>
<td>30-kg sacks on pallets, 42 items on each</td>
<td></td>
</tr>
<tr>
<td></td>
<td>specialist</td>
<td>mineral fillers</td>
<td>ultimate compressive strength: M10</td>
<td>25-kg sacks on pallets, 48 items on each</td>
<td></td>
</tr>
<tr>
<td></td>
<td>high durability</td>
<td>modifying supplements</td>
<td>ultimate flexural strength: ≥ 4.0 MPa</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>special aggregate</td>
<td></td>
<td>reaction to fire: class A1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**RENDERING 550**  
cement rendering

<table>
<thead>
<tr>
<th>Application</th>
<th>Product features</th>
<th>Composition</th>
<th>Use</th>
<th>Technical data</th>
<th>Form of delivery</th>
</tr>
</thead>
<tbody>
<tr>
<td>for machine-spraying or manual application of traditional cement rendering under priming plasters</td>
<td>waterproof</td>
<td>Portland cement</td>
<td>consumption: c. 6-8 kg/m²</td>
<td>buckets: 15 kg on pallets, 33 items on each</td>
<td></td>
</tr>
<tr>
<td>for masonry walls and ceilings, constructed out of autoclaved aerated concrete blocks, ceramic elements, lime-sandstone blocks (silicate) and for concrete groundwork, etc.</td>
<td>frost-proof</td>
<td>hydrated lime</td>
<td>granulation: up to 1.25 mm</td>
<td>30-kg sacks on pallets, 42 items on each</td>
<td></td>
</tr>
<tr>
<td>indoor and outdoor use</td>
<td>high mechanic durability</td>
<td>mineral fillers</td>
<td>ultimate compressive strength after 28 days: ≥ 2.0 MPa</td>
<td>25-kg sacks on pallets, 48 items on each</td>
<td></td>
</tr>
<tr>
<td></td>
<td>good adhesion to the surface</td>
<td>modifying supplements</td>
<td>water absorption resulting from capillary action: W2 category</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>reaction to fire: class A1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>layer thickness: 4-8 mm</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**POZTYNK 560**  
traditional plaster mortar

<table>
<thead>
<tr>
<th>Application</th>
<th>Product features</th>
<th>Composition</th>
<th>Use</th>
<th>Technical data</th>
<th>Form of delivery</th>
</tr>
</thead>
<tbody>
<tr>
<td>for manual application of traditional plaster mortars</td>
<td>waterproof</td>
<td>Portland cement</td>
<td>consumption: c. 1.84 kg/m² per 1 mm of mortar layer thickness</td>
<td>buckets: 15 kg on pallets, 33 items on each</td>
<td></td>
</tr>
<tr>
<td>for masonry walls and ceilings, constructed out of autoclaved aerated concrete blocks, ceramic elements, lime-sandstone blocks (silicate) and for concrete groundwork, etc.</td>
<td>frost-proof</td>
<td>hydrated lime</td>
<td>granulation: up to 1.25 mm</td>
<td>30-kg sacks on pallets, 42 items on each</td>
<td></td>
</tr>
<tr>
<td>indoor and outdoor use</td>
<td>good adhesion to the surface</td>
<td>mineral fillers</td>
<td>ultimate compressive strength after 28 days: ≥ 1.0 MPa</td>
<td>25-kg sacks on pallets, 48 items on each</td>
<td></td>
</tr>
<tr>
<td></td>
<td>high mechanical durability</td>
<td>modifying supplements</td>
<td>water absorption resulting from capillary action: W0 category</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>traditional</td>
<td></td>
<td>reaction to fire: class A1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>layer thickness: 8-25 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------------------------------</td>
<td>--------------------------------------------------------</td>
<td>-------------------------------------------------</td>
<td>--------------------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• for machine-spraying or manual</td>
<td>• for machine-spraying or manual</td>
<td>• for machine-spraying or manual</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>application of smooth, thin-layer,</td>
<td>application of single- and multi-layer plaster mortars</td>
<td>application of smooth, thin-layer, single-layer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>single-layer plaster mortars</td>
<td>• for masonry walls and ceilings, constructed out of</td>
<td>plaster mortars</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• for masonry walls and ceilings,</td>
<td>autoclaved aerated concrete blocks, ceramic elements,</td>
<td>• for masonry walls and ceilings, constructed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>constructed out of autoclaved</td>
<td>lime-sandstone blocks (silicate) and for concrete</td>
<td>out of autoclaved aerated concrete blocks,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>aerated concrete blocks, ceramic</td>
<td>ground-work, etc.</td>
<td>ceramic elements, lime-sandstone blocks</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>elements, lime-sandstone blocks</td>
<td>• indoor and outdoor use</td>
<td>(silicate) and for concrete ground-work, etc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(silicate) and for concrete</td>
<td>• priming under quality plasters and paints</td>
<td>• indoor and outdoor use</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ground-work, etc.</td>
<td></td>
<td>• priming under quality plasters and paints</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• for very humid rooms (saunas, bathrooms, etc.)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• waterproof</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• waterproof</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Product features:</td>
<td>• waterproof</td>
<td>• waterproof</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• waterproof</td>
<td>• frost-proof</td>
<td>• frost-proof</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• frost-proof</td>
<td>• fine texture</td>
<td>• light</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• fine texture</td>
<td>• smooth plaster surface</td>
<td>• thermal insulation properties</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• smooth plaster surface</td>
<td></td>
<td>• increased efficiency</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Composition:</td>
<td>• Portland cement</td>
<td>• reaction to fire: Class A1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Portland cement</td>
<td>• hydrated lime</td>
<td>• reaction to fire: class A1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• hydrated lime</td>
<td>• mineral fillers</td>
<td>• layer thickness: 5-20 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• mineral fillers</td>
<td>• modifying supplements</td>
<td>• layer thickness: 5-20 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• modifying supplements</td>
<td></td>
<td>• layer thickness: 5-20 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Use:</td>
<td></td>
<td>• consumption: c. 1.10 kg/m² per 1 mm of mortar</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technical data:</td>
<td></td>
<td>layer thickness</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• consumption: c. 1.25 kg/m² per 1</td>
<td>• consumption: c. 1.30 kg/m² per 1 mm of mortar layer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>mm of mortar layer thickness</td>
<td>• consumption: c. 1.10 kg/m² per 1 mm of mortar layer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>granulation: up to 0.5 mm</td>
<td>thickness</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• ultimate compressive strength</td>
<td>• ultimate compressive strength</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>after 28 days: CSII category</td>
<td>• ultimate compressive strength</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• ultimate flexural strength</td>
<td>• ultimate flexural strength</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>after 28 days: ≥ 1.0 MPa</td>
<td>• ultimate flexural strength</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• reaction to fire: class A1</td>
<td>• reaction to fire: class A1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• layer thickness: 5-15 mm</td>
<td>• layer thickness: 5-20 mm</td>
<td>• layer thickness: 5-20 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Form of delivery:</td>
<td>• 30-kg sacks on pallets, 42 items on each</td>
<td>• 30-kg sacks on pallets, 42 items on each</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 30-kg sacks on pallets, 42 items</td>
<td>• silo technology</td>
<td>• silo technology</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>on each</td>
<td></td>
<td>• silo technology</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Application:**
- for machine-spraying or manual application of smooth, thin-layer, single-layer plaster mortars
- for masonry walls and ceilings, constructed out of autoclaved aerated concrete blocks, ceramic elements, lime-sandstone blocks (silicate) and for concrete ground-work, etc.
- indoor and outdoor use
- priming under quality plasters and paints

**Product features:**
- waterproof
- frost-proof
- fine texture
- smooth plaster surface

**Composition:**
- Portland cement
- hydrated lime
- mineral fillers
- modifying supplements

**Use:**
- indoor and outdoor use
- priming under quality plasters and paints

**Technical data:**
- consumption: c. 1.25 kg/m² per 1 mm of mortar layer thickness
- granulation: up to 0.5 mm
- ultimate compressive strength after 28 days: ≥ 1.0 MPa
- reaction to fire: class A1
- layer thickness: 5-15 mm

**Form of delivery:**
- 30-kg sacks on pallets, 42 items on each

**PLASTER 500** smooth, machine-sprayed cement-lime plaster

**PLASTER 501** machine-sprayed cement-lime plaster

**PLASTER 502L** light, machine-sprayed cement-lime plaster
### Plaster mortars

<table>
<thead>
<tr>
<th>Application:</th>
<th>Product features:</th>
<th>Technical data:</th>
<th>Form of delivery:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- for machine-spraying or manual application</td>
<td>- layer thickness up to 2 cm</td>
<td>- consumption: c.a. 0.9 kg/m² per 1 mm of layer thickness</td>
<td>- 30-kg sacks on pallets, 42 items on each</td>
</tr>
<tr>
<td>- for concrete walls and ceilings, silicate</td>
<td>- waterproof</td>
<td>- consumption: c. 1.25 kg/m² per 1 mm of mortar layer</td>
<td></td>
</tr>
<tr>
<td>- aerated concrete surfaces, silicate</td>
<td>- waterproof</td>
<td>- granulation: up to 0.5 mm</td>
<td></td>
</tr>
<tr>
<td>- primer for quality plasters and paint coats</td>
<td>- fine texture</td>
<td>- ultimate compressive strength: CSII category</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- white</td>
<td>- surface adhesion and crack model symbol: ≥ 0.2 MPa;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- light</td>
<td>- granulation: up to 0.5 mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- smooth plaster surface</td>
<td>- ultimate compressive strength after 28 days: CSII</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- good adhesion to the surface</td>
<td>category</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- ultimate flexural strength after 28 days: ≥ 1.0 MPa</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- reaction to fire: Class A1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- layer thickness: 5-15 mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- reaction to fire: Class A1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- granulation: up to 0.5 mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- ultimate flexural strength after 28 days: ≥ 2.0 MPa</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- surface adhesion and crack model symbol: ≥ 0.2 MPa;</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- granulation: up to 0.5 mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- reaction to fire: Class A1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>- reaction to fire: Class A1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Plaster mortars

<table>
<thead>
<tr>
<th>Product</th>
<th>Application</th>
<th>Product features</th>
<th>Composition</th>
<th>Use</th>
<th>Technical data</th>
<th>Form of delivery</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLASTER 561 – HEAVY, MACHINE-SPRAYED</td>
<td>• for machine-spraying or manual application of single- and multi-layer plaster mortars</td>
<td>• waterproof • fine texture • smooth plaster surface</td>
<td>• Portland cement • hydrated lime • mineral fillers and modifying supplements</td>
<td>• consumption: c. 1.40 kg/m² per 1 mm of mortar layer thickness</td>
<td>• consumption: c. 1.1 kg/m² per 1 mm of mortar layer thickness</td>
<td>• 30-kg sacks on pallets, 48 items on each</td>
</tr>
<tr>
<td>cement-lime plaster</td>
<td>• for masonry walls and ceilings, constructed out of autoclaved aerated concrete blocks, ceramic elements, lime-sandstone blocks (silicate) and for concrete groundwork, etc.</td>
<td>• for machine-spraying or manual application of single- and multi-layer plaster mortars</td>
<td>• ultimate compressive strength after 28 days: CSII category</td>
<td>• granulation: up to 0.6 mm</td>
<td>• granulation: up to 1.0 mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• indoor and outdoor use • priming under quality plasters and paints</td>
<td>• for masonry walls and ceilings, constructed out of autoclaved aerated concrete blocks, ceramic elements, lime-sandstone blocks (silicate) and for concrete groundwork, etc.</td>
<td>• surface adhesion and crack model symbol: ≥ 0.2 MPa; FP: B</td>
<td>• reaction to fire: Class A1</td>
<td>• reaction to fire: Class A1</td>
<td></td>
</tr>
<tr>
<td>RENTER K 561 L– LIGHT, MACHINE-SPRAYED</td>
<td>• for machine-spraying or manual application of single- and multi-layer plaster mortars</td>
<td>• waterproof • light • increased efficiency • smooth plaster surface</td>
<td>• Portland cement • hydrated lime • mineral fillers and modifying supplements</td>
<td>• layer thickness: 5-25 mm</td>
<td>• layer thickness: 5-25 mm</td>
<td></td>
</tr>
<tr>
<td>cement-lime render</td>
<td>• for masonry walls and ceilings, constructed out of autoclaved aerated concrete blocks, ceramic elements, lime-sandstone blocks (silicate) and for concrete groundwork, etc.</td>
<td>• for masonry walls and ceilings, constructed out of autoclaved aerated concrete blocks, ceramic elements, lime-sandstone blocks (silicate) and for concrete groundwork, etc.</td>
<td>• surface adhesion and crack model symbol: ≥ 0.4 MPa; FP: B</td>
<td>• reaction to fire: Class A1</td>
<td>• reaction to fire: Class A1</td>
<td></td>
</tr>
<tr>
<td>POZTYNK-SZ DR 061, BR 062</td>
<td>• for manual application of thin-layer decorative plaster mortars</td>
<td>• waterproof • frost-proof • dashed (rustic, corrugated grooved) or granular (pitted) texture</td>
<td>• Portland cement • hydrated lime • pigments</td>
<td>• very good vapor permeability • high resistance to UV rays</td>
<td>• colour: white</td>
<td>• granulation: PITTED – 1; 1.5; 2 and 3 mm, DASHED – 1, 2, 3 mm</td>
</tr>
<tr>
<td>mineral thin-layer render</td>
<td>• for concrete groundwork, mineral priming plasters, plasterboards, including fiber plasterboards, and for application on reinforced layers in thermal insulation systems</td>
<td>• for indoor and outdoor use • priming under quality plasters and paints</td>
<td>• mineral fillers • modifying supplements</td>
<td>• consumption as divided by textures:</td>
<td>• colour: white</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• for concrete groundwork, mineral priming plasters, plasterboards, including fiber plasterboards, and for application on reinforced layers in thermal insulation systems</td>
<td>• indoor and outdoor use • priming under quality plasters and paints</td>
<td></td>
<td>• consumption as divided by textures:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Decorative renders

<table>
<thead>
<tr>
<th>Rendering Type</th>
<th>Application</th>
<th>Product features</th>
<th>Composition</th>
<th>Use</th>
<th>Technical data</th>
<th>Form of delivery</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-kg sacks on pallets, 48 items on each</td>
<td>• for manual application of thin-layer decorative plaster mortars</td>
<td>• waterproof • frost-proof • dashed (rustic, corrugated grooved) or granular (pitted) texture</td>
<td>• Portland cement • hydrated lime • pigments</td>
<td>• very good vapor permeability • high resistance to UV rays</td>
<td>• colour: white</td>
<td>• granulation: PITTED – 1; 1.5; 2 and 3 mm, DASHED – 1, 2, 3 mm</td>
</tr>
</tbody>
</table>
### Decorative renders

#### ROLTYNK 070
**decorative, modeled mineral render**

- **Application:**
  - for manual application of decorative, modeled plaster mortars; the structure depends on the tools used
  - for concrete groundwork, mineral priming plasters, plasterboards, including fiber plasterboards, and for application on reinforced layers in thermal insulation systems
  - for mineral wool and Styrofoam thermal insulation systems
  - indoor and outdoor use

- **Product features:**
  - waterproof
  - frost-proof
  - modeled texture
  - good adhesion
  - very good vapor permeability
  - high resistance to UV rays

- **Composition:**
  - white Portland cement
  - hydrated lime
  - pigments
  - mineral fillers
  - modifying supplements

- **Use:**

- **Technical data:**
  - consumption: c. 1.33 kg/m² per 1 mm of layer thickness
  - colour: a palette of 192 colours
  - plaster thickness: 2.5 mm (depending on the texture)
  - relative diffusion resistance (non-scraped layer, 3 mm thick): ≤ 0.04 m
  - absorbency after 24 hours (for all types of paints): ≤ 0.5 kg/m²

- **Form of delivery:**
  - 25-kg sacks on pallets, 48 items on each

#### AKRYTYNK 010
**thin-layer acrylic render**

- **Application:**
  - for manual application of decorative, thin-layer plaster mortars;
  - the possibility of machine-spraying application of the 1.5 and 2.0 mm PITTED texture without the need to scrape the pattern manually
  - for concrete groundwork, mineral priming plasters, plasterboards, including fiber plasterboards, and for application on reinforced layers in thermal insulation systems, with Styrofoam
  - indoor and outdoor use

- **Product features:**
  - waterproof
  - frost-proof
  - dashed (rustic, corrugated grooved) or granular (pitted) texture
  - good adhesion
  - high elasticity

- **Composition:**
  - water dispersion of acrylic polymer
  - pigments
  - mineral fillers
  - modifying supplements

- **Use:**

- **Technical data:**
  - consumption as divided by textures:
    - PITTED 1.5 mm – c. 2.4 kg/m², 2 mm – 3.4 kg/m², 3 mm – 5 kg/m²
    - DASHED – 1.5 mm – c. 2.4 kg/m², 2 mm – 2.4 kg/m², 3 mm – 3.7 kg/m²
  - colour: a palette of 406 colours
  - granulation: 1.5; 2 and 3 mm
  - bulk density: c. 1.90 g/cm²

- **Form of delivery:**
  - 25-kg buckets on pallets, 33 items on each

#### AKRYTYNK 010C
**CALIFORNIA thin-layer acrylic render**

- **Application:**
  - for manual and machine-spraying application of decorative, thin-layer plaster mortars in the California colour pallet
  - the possibility of machine-spraying application of the 1.5 and 2.0 mm PITTED texture without the need to scrape the pattern manually
  - for concrete groundwork, mineral priming plasters, plasterboards, including fiber plasterboards, and for application on reinforced layers in thermal insulation systems, with Styrofoam
  - indoor and outdoor use

- **Product features:**
  - waterproof
  - frost-proof
  - granular (pitted) texture
  - good adhesion
  - high elasticity

- **Composition:**
  - water dispersion of acrylic polymer
  - pigments
  - mineral fillers
  - modifying supplements

- **Use:**

- **Technical data:**
  - consumption as divided by textures:
    - PITTED 1.5 mm – c. 2.4 kg/m², 2 mm – 3.4 kg/m²
  - colour: a palette of 128 California I colours
  - bulk density: c. 1.90 g/cm²

- **Form of delivery:**
  - 25-kg buckets on pallets, 33 items on each
### Application:
- for manual and machine-spraying application of decorative, thin-layer plaster mortars
- the possibility of machine-spraying application of the 1.5 and 2.0 mm pitted texture without the need to scrape the pattern manually
- for concrete groundwork, mineral priming plasters, plasterboards, including fiber plasterboards, and for application on reinforced layers in thermal insulation systems
- for mineral wool and Styrofoam thermal insulation systems

### Product features:
- waterproof and frost-proof
- good adhesion
- high elasticity
- high vapor permeability
- resistance to biological overgrowth
- crystal-level surface binding
- early resistance to frost action

### Composition:
- Composition: potassium waterglass
- water dispersion of acrylic polymer
- pigments
- mineral fillers
- modifying supplements

### Use:
- for manual and machine-spraying application of decorative, thin-layer plaster mortars
- the possibility of machine-spraying application of the 1.5 and 2.0 mm pitted texture without the need to scrape the pattern manually
- for concrete groundwork, mineral priming plasters, plasterboards, including fiber plasterboards, and for application on reinforced layers in thermal insulation systems
- for mineral wool and Styrofoam thermal insulation systems

### Technical data:
- consumption as divided by textures:
  - PITTED 1.5 mm – c. 2.4 kg/m², 2 mm – 5.4 kg/m², 3 mm – 5.0 kg/m²
  - DASHED – 1.5 mm – c. 1.7 kg/m², 2 mm - 2.4 kg/m², 3 mm – 3.7 kg/m²
- colour: a pallet of 229 colours
- granulation: 1.5, 2 and 3 mm
- bulk density: c. 1.85 g/cm²

### Form of delivery:
- 25-kg buckets on pallets, 33 items on each

---

### Application:
- for manual and machine-spraying application of decorative, thin-layer plaster mortars
- the possibility of machine-spraying application of the 1.5 and 2.0 mm pitted texture without the need to scrape the pattern manually
- for concrete groundwork, mineral priming plasters, plasterboards, including fiber plasterboards, and for application on reinforced layers in thermal insulation systems
- for mineral wool and Styrofoam thermal insulation systems

### Product features:
- waterproof and frost-proof
- good adhesion
- high elasticity
- high vapor permeability
- resistance to biological overgrowth
- crystal-level surface binding
- early resistance to frost action

### Composition:
- Composition: potassium waterglass
- water dispersion of acrylic polymer
- pigments
- mineral fillers
- modifying supplements

### Use:
- for manual and machine-spraying application of decorative, thin-layer plaster mortars
- the possibility of machine-spraying application of the 1.5 and 2.0 mm pitted texture without the need to scrape the pattern manually
- for concrete groundwork, mineral priming plasters, plasterboards, including fiber plasterboards, and for application on reinforced layers in thermal insulation systems
- for mineral wool and Styrofoam thermal insulation systems

### Technical data:
- consumption as divided by textures:
  - PITTED 1.5 mm – c. 2.4 kg/m², 2 mm – 5.4 kg/m², 3 mm – 5.0 kg/m²
  - DASHED – 1.5 mm – c. 1.7 kg/m², 2 mm - 2.4 kg/m², 3 mm – 3.7 kg/m²
- colour: a pallet of 229 colours
- granulation: 1.5, 2 and 3 mm
- bulk density: c. 1.85 g/cm²

### Form of delivery:
- 25-kg buckets on pallets, 33 items on each

---

### Application:
- for manual and machine-spraying application of decorative, thin-layer plaster mortars
- the possibility of machine-spraying application of the 1.5 and 2.0 mm pitted texture without the need to scrape the pattern manually
- for concrete groundwork, mineral priming plasters, plasterboards, including fiber plasterboards, and for application on reinforced layers in thermal insulation systems
- for mineral wool and Styrofoam thermal insulation systems

### Product features:
- waterproof and frost-proof
- good adhesion
- high elasticity
- high vapor permeability
- resistance to biological overgrowth
- crystal-level surface binding
- early resistance to frost action

### Composition:
- Composition: silicone emulsion
- water dispersion of acrylic polymer
- pigments
- mineral fillers
- modifying supplements

### Use:
- for manual and machine-spraying application of decorative, thin-layer plaster mortars
- the possibility of machine-spraying application of the 1.5 and 2.0 mm pitted texture without the need to scrape the pattern manually
- for concrete groundwork, mineral priming plasters, plasterboards, including fiber plasterboards, and for application on reinforced layers in thermal insulation systems with mineral wool and Styrofoam thermal insulation systems
- indoor and outdoor use

### Technical data:
- consumption as divided by textures:
  - PITTED 1.5 mm – c. 2.4 kg/m², 2 mm – 5.4 kg/m², 3 mm – 5.0 kg/m²
  - DASHED – 1.5 mm – c. 1.7 kg/m², 2 mm - 2.4 kg/m², 3 mm – 3.7 kg/m²
- colour: a pallet of 229 colours
- granulation: 1.5, 2 and 3 mm
- bulk density: c. 1.85 g/cm²

### Form of delivery:
- 25-kg buckets on pallets, 33 items on each
Decorative renders

| SILIKON PROTECT 031  
thin-layer silicone nano-render | SISITYNK 040  
thin-layer silicate-silicone render | SISITYNK 040C CALIFORNIA  
silicate-silicone render |
|-----------------------------|---------------------------------|-----------------------------------|

**Application:**
- for manual and machine-spraying application of decorative, thin-layer plaster mortars
- for concrete groundwork, mineral priming plasters, plasterboards, including fiber plasterboards, and for application on reinforced layers in thermal insulation systems with mineral wool and Styrofoam
- for bio-burdened rooms
- indoor and outdoor use

**Product features:**
- waterproof and frost-proof
- good adhesion
- high elasticity
- high vapor permeability
- high durability, resistance to UV rays
- resistance to biological overgrowth
- highly hydrophobic
- based on nanotechnology
- self-cleaning properties

**Composition:**
- nanoparticle silicone emulsions
- dispersion of acrylic polymer
- pigments
- mineral fillers
- modifying supplements

**Use:**

**Technical data:**
- consumption as divided by textures:
  - PITTED: 1.5 mm – c. 2.4 kg/m², 2 mm – 3.4 kg/m², 3 mm – 5.0 kg/m²
  - DASHED: 1.5 mm – c. 1.7 kg/m², 2 mm - 2.4 kg/m², 3 mm – 3.7 kg/m²
  - colour: a palette of 406 colours
  - bulk density: c. 1.80 g/cm²
  - granulation: 1.5; 2 and 3 mm

**Form of delivery:**
- 25-kg buckets on pallets, 33 items on each

---

**SISITYNK 040**

**Product features:**
- waterproof and frost-proof
- dashed (rustic, corrugated grooved) or granular (pitted) texture
- good mechanical resistance
- high elasticity
- high vapor permeability
- high durability, resistance to UV rays, hydrophobic

**Composition:**
- silicone emulsionpotassium waterglass
- dispersion of acrylic polymer
- pigments
- mineral fillers
- modifying supplements

**Use:**

**Technical data:**
- consumption as divided by textures:
  - PITTED: 1.5 mm – c. 2.4 kg/m², 2 mm – 3.4 kg/m², 3 mm – 5.0 kg/m²
  - DASHED: 1.5 mm – c. 1.7 kg/m², 2 mm - 2.4 kg/m², 3 mm – 3.7 kg/m²
  - colour: a palette of 406 colours
  - granulation: 1.5; 2 and 3 mm
  - bulk density: c. 1.84 g/cm²

**Form of delivery:**
- 25-kg buckets on pallets, 33 items on each

---

**SISITYNK 040C CALIFORNIA**

**Product features:**
- waterproof and frost-proof
- granular (pitted) texture
- good mechanical resistance
- high elasticity
- high vapor permeability
- high durability, resistance to UV rays
- resistant to weather conditions
- hydrophobic

**Composition:**
- silicone emulsionpotassium waterglass
- dispersion of acrylic polymer
- pigments
- mineral fillers
- modifying supplements

**Use:**

**Technical data:**
- consumption as divided by textures:
  - PITTED: 1.5 mm – c. 2.4 kg/m², 2 mm – 3.4 kg/m²
  - colour: a palette of 128 colours in the California I colour pallet, and 80 colours in the California II colour pallet
  - bulk density: c. 1.84 g/cm²

**Form of delivery:**
- 25-kg buckets on pallets, 33 items on each
### MOZATYNK-S 050
acrylic resin decorative render

| Application: | • for manual and machine-spraying application of decorative, thin-layer plaster mortars  
| • outdoor use: for performing decorative pedestal surfaces, balcony balustrades, fence elements  
| • indoor use: corridors, staircases, exhibitions  
| • for concrete groundwork, mineral priming plasters, plasterboards, including fiber plasterboards, and for application on reinforced layers in thermal insulation systems with mineral wool and Styrofoam |

| Product features: | • waterproof  
| • frost-proof  
| • good adhesion  
| • high elasticity  
| • high resistance to UV rays  
| • resistance to weather conditions |

| Composition: | • water dispersion of acrylic polymer  
| • modifying supplements  
| • aggregate |

| Use: |  |

| Technical data: | • consumption according to granulation: 1.2 mm – c. 3.2 kg/m², 1.8 mm – c. 4.7 kg/m²  
| • colour: a palette of 78 compositions  
| • bulk density: c. 1.75 g/cm²  
| • granulation: 1.2; 1.8 mm |

| Form of delivery: | • 25-kg buckets on pallets, 33 items on each |

### MOZATYNK-S 051
acrylic resin decorative render mixed at the store

| Application: | • for manual and machine-spraying application of decorative, thin-layer plaster mortars  
| • outdoor use: for performing decorative pedestal surfaces, balcony balustrades, fence elements  
| • indoor use: corridors, staircases, exhibitions  
| • for concrete groundwork, mineral priming plasters, plasterboards, including fiber plasterboards, and for application on reinforced layers in thermal insulation systems with mineral wool and Styrofoam |

| Product features: | • mixed at the store  
| • fast access to the product  
| • waterproof  
| • frost-proof  
| • good adhesion  
| • high elasticity  
| • high resistance to UV rays  
| • resistance to weather conditions |

| Composition: | • water dispersion of acrylic polymer  
| • modifying supplements  
| • aggregate |

| Use: |  |

| Technical data: | • consumption according to granulation: 1.8 mm – c. 4.7 kg/m²  
| • colour: 12 colours of aggregate types in 3-kg sacks (Base II), the final colour is a combination of 4 Base II pack colours  
| • bulk density: c. 1.75 g/cm²  
| • granulation: 1.8 mm |

| Form of delivery: | • 4-kg buckets on pallets, 33 items on each  
| • sacks: 3 kg |
# Gypsum products and finishing coats

<table>
<thead>
<tr>
<th>Application</th>
<th>MANUAL GYPSUM PLASTER 650</th>
<th>MACHINE-SPRAYED GYPSUM PLASTER 651</th>
<th>MACHINE-SPRAYED light GYPSUM PLASTER 651L</th>
</tr>
</thead>
<tbody>
<tr>
<td>• for manual application of single-layer plaster mortars</td>
<td>• for machine-spraying and possibly manual application of single-layer plaster mortars</td>
<td>• for machine-spraying and possibly manual application of single-layer plaster mortars</td>
<td></td>
</tr>
<tr>
<td>• for walls and ceilings constructed out of autoclaved aerated concrete blocks, ceramic elements, lime-sandstone blocks (silicate) and for concrete groundwork, etc.</td>
<td>• for walls and ceilings constructed out of autoclaved aerated concrete blocks, ceramic elements, lime-sandstone blocks (silicate) and for concrete groundwork, etc.</td>
<td>• for walls and ceilings constructed out of autoclaved aerated concrete blocks, ceramic elements, lime-sandstone blocks (silicate) and for concrete groundwork, etc.</td>
<td></td>
</tr>
<tr>
<td>• indoor use</td>
<td>• indoor use</td>
<td>• indoor use</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product features</th>
<th>MANUAL GYPSUM PLASTER 650</th>
<th>MACHINE-SPRAYED GYPSUM PLASTER 651</th>
<th>MACHINE-SPRAYED light GYPSUM PLASTER 651L</th>
</tr>
</thead>
<tbody>
<tr>
<td>• good plasticity</td>
<td>• good plasticity</td>
<td>• good plasticity</td>
<td></td>
</tr>
<tr>
<td>• high durability</td>
<td>• high durability</td>
<td>• high durability</td>
<td></td>
</tr>
<tr>
<td>• good adhesion</td>
<td>• good adhesion</td>
<td>• good adhesion</td>
<td></td>
</tr>
<tr>
<td>• universal</td>
<td>• universal</td>
<td>• universal</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Composition</th>
<th>MANUAL GYPSUM PLASTER 650</th>
<th>MACHINE-SPRAYED GYPSUM PLASTER 651</th>
<th>MACHINE-SPRAYED light GYPSUM PLASTER 651L</th>
</tr>
</thead>
<tbody>
<tr>
<td>• gypsum</td>
<td>• gypsum</td>
<td>• gypsum</td>
<td></td>
</tr>
<tr>
<td>• hydrated lime</td>
<td>• hydrated lime</td>
<td>• hydrated lime</td>
<td></td>
</tr>
<tr>
<td>• mineral fillers</td>
<td>• mineral fillers</td>
<td>• mineral fillers</td>
<td></td>
</tr>
<tr>
<td>• modifying supplements</td>
<td>• modifying supplements</td>
<td>• modifying supplements</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Use</th>
<th>MANUAL GYPSUM PLASTER 650</th>
<th>MACHINE-SPRAYED GYPSUM PLASTER 651</th>
<th>MACHINE-SPRAYED light GYPSUM PLASTER 651L</th>
</tr>
</thead>
<tbody>
<tr>
<td>• consumption: c. 1.0 kg/m² per 1 mm of mortar layer thickness</td>
<td>• consumption: c. 1.0 kg/m² per 1 mm of mortar layer thickness</td>
<td>• consumption: c. 0.8 kg/m² per 1 mm of mortar layer thickness</td>
<td></td>
</tr>
<tr>
<td>• ultimate compressive strength: ≥ 2.5 MPa</td>
<td>• ultimate compressive strength: ≥ 2.5 MPa</td>
<td>• ultimate compressive strength: ≥ 2.5 MPa</td>
<td></td>
</tr>
<tr>
<td>• ultimate flexural strength: ≥ 1 MPa</td>
<td>• ultimate flexural strength: ≥ 1 MPa</td>
<td>• ultimate flexural strength: ≥ 1 MPa</td>
<td></td>
</tr>
<tr>
<td>• surface adhesion: ≥ 0.3 MPa</td>
<td>• surface adhesion: ≥ 0.3 MPa</td>
<td>• surface adhesion: ≥ 0.3 MPa</td>
<td></td>
</tr>
<tr>
<td>• treatment time: 120 minutes (following the first smoothing)</td>
<td>• treatment time: 180 minutes (following the first smoothing)</td>
<td>• treatment time: 180 minutes (following the first smoothing)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Technical data</th>
<th>MANUAL GYPSUM PLASTER 650</th>
<th>MACHINE-SPRAYED GYPSUM PLASTER 651</th>
<th>MACHINE-SPRAYED light GYPSUM PLASTER 651L</th>
</tr>
</thead>
<tbody>
<tr>
<td>• consumption: c. 1.0 kg/m² per 1 mm of mortar layer thickness</td>
<td>• consumption: c. 1.0 kg/m² per 1 mm of mortar layer thickness</td>
<td>• consumption: c. 0.8 kg/m² per 1 mm of mortar layer thickness</td>
<td></td>
</tr>
<tr>
<td>• bulk density: c. 0.9 g/cm³</td>
<td>• ultimate compressive strength: ≥ 2.5 MPa</td>
<td>• ultimate compressive strength: ≥ 2.5 MPa</td>
<td></td>
</tr>
<tr>
<td>• ultimate flexural strength: ≥ 1 MPa</td>
<td>• ultimate flexural strength: ≥ 1 MPa</td>
<td>• ultimate flexural strength: ≥ 1 MPa</td>
<td></td>
</tr>
<tr>
<td>• granulation: up to 1.2 mm</td>
<td>• treatment time: 120 minutes (following the first smoothing)</td>
<td>• granulation: up to 1.2 mm</td>
<td></td>
</tr>
<tr>
<td>• treatment time: 180 minutes (following the first smoothing)</td>
<td></td>
<td>• treatment time: 180 minutes (following the first smoothing)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Form of delivery</th>
<th>MANUAL GYPSUM PLASTER 650</th>
<th>MACHINE-SPRAYED GYPSUM PLASTER 651</th>
<th>MACHINE-SPRAYED light GYPSUM PLASTER 651L</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 30-kg sacks on pallets, 40 items on each</td>
<td>• 30-kg sacks on pallets, 40 items on each</td>
<td>• 30-kg sacks on pallets, 40 items on each</td>
<td></td>
</tr>
<tr>
<td>• silo technology</td>
<td>• silo technology</td>
<td>• silo technology</td>
<td></td>
</tr>
<tr>
<td><strong>Gypsum products and finishing coats</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MACHINE-SPRAED HARD GYPSUM PLASTER 651T</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| **Application:** | • for manual application of single-layer plaster mortars  
  • for walls and ceilings constructed out of autoclaved aerated concrete blocks, ceramic elements, lime-sandstone blocks (silicate) and for concrete groundwork  
  • recommended for areas with increased risk of mechanic damages: staircases, schools, storage rooms, etc.  
  • indoor use |
| **Product features:** | • very hard surface  
  • good surface adhesion  
  • easy-to-process |
| **Composition:** | • gypsum  
  • hydrated lime  
  • mineral fillers  
  • modifying supplements |
| **Use:** | ![Image](image1)  
  • 20-litre bags, 54 items on each  
  • silo technology |
| **Technical data:** | • consumption: c. 1.0 kg/m² per 1 mm of mortar layer thickness  
  • bulk density: c. 0.9 g/cm³  
  • ultimate compressive strength after 28 days: ≥ 6.0 MPa  
  • ultimate flexural strength after 28 days: ≥ 2.0 MPa  
  • granulation: up to 1.2 mm  
  • treatment time: 180 minutes (following the first smoothing)  
  • bulk density: c. 0.86 g/cm²  
  • ultimate compressive strength: ≥ 14 MPa  
  • ultimate flexural strength: ≥ 4 MPa  
  • surface adhesion: ≥ 0.5 MPa  
  • treatment time: up to 8 minutes |
| **Form of delivery:** | • 30-kg sacks on pallets, 40 items on each  
  • silo technology |
| **CONSTRUCTION GYPSUM PLASTER 610** |
| **Application:** | • for leveling uneven surfaces, filling cavities and cracks  
  • for mounting electrical installations and plaster slats  
  • for stucco work  
  • for applying small gypsum elements on mineral bases  
  • indoor use |
| **Product features:** | • short binding time  
  • high durability  
  • good adhesion  
  • universal |
| **Composition:** | • gypsum  
  • mineral fillers  
  • modifying supplements |
| **Use:** | ![Image](image2)  
  • 20-litre bags, 54 items on each  
  • 12 l  
  • 6 l  
  • 12.5 l |
| **Technical data:** | • consumption: c. 5.0 kg/m² per 1 mm of the board  
  • ultimate compressive strength: ≥ 6 MPa  
  • ultimate flexural strength: ≥ 2.5 MPa  
  • concrete surface adhesion: ≥ 0.9 MPa  
  • board application and leveling time: c. 10 minutes |
| **Form of delivery:** | • 20-kg sacks on pallets, 54 items on each |
| **PLASTERBOARD ADHESIVE 680** |
| **Application:** | • for mounting plasterboards onto walls  
  • for mounting other gypsum elements and rigid boards constructed out of insulation materials to internal walls  
  • for erecting partition walls out of gypsum blocks  
  • for gypsum groundwork, brick and ceramic CMU surfaces, lime-sandstone block surfaces, elements constructed out of common and autoclaved aerated concrete  
  • indoor use |
| **Product features:** | • good plasticity  
  • high durability  
  • good adhesion  
  • universal |
| **Composition:** | • gypsum  
  • mineral fillers  
  • modifying supplements |
| **Use:** | ![Image](image3)  
  • 20-kg sacks on pallets, 54 items on each  
  • 12.5 l  
  • 6 l  
  • 12 l |
| **Technical data:** | • consumption: c. 1.0 kg/m² per 1 mm of mortar layer thickness  
  • bulk density: c. 0.9 g/cm³  
  • ultimate compressive strength: ≥ 6.0 MPa  
  • ultimate flexural strength: ≥ 4 MPa  
  • surface adhesion: ≥ 0.5 MPa  
  • treatment time: up to 8 minutes  
  • consumption: c. 5.0 kg/m² per 1 mm of the board  
  • ultimate compressive strength: ≥ 6 MPa  
  • ultimate flexural strength: ≥ 2.5 MPa  
  • concrete surface adhesion: ≥ 0.9 MPa  
  • board application and leveling time: c. 10 minutes |
| **Form of delivery:** | • 20-kg sacks on pallets, 54 items on each |
### Gypsum products and finishing coats

#### GYPSUM PLASTER 691 FOR JOINTING PLASTERBOARDS

**Application:**
- for filling the joints in between plasterboards
- for filling cavities
- indoor use

**Product features:**
- good plasticity
- high resistance to cracking
- good adhesion
- contains reinforcing fibers
- high elasticity

**Composition:**
- gypsum
- mineral fillers
- modifying supplements
- reinforcing fibers

**Use:**

**Technical data:**
- consumption: c. 1 kg/m² per 1 mm of layer thickness
- bulk density: c. 0.99 g/cm³
- ultimate compressive strength: ≥ 8 MPa
- ultimate flexural strength: ≥ 2.5 MPa
- concrete surface adhesion: ≥ 0.8 MPa

**Form of delivery:**
- 20-kg sacks on pallets, 54 items on each
- 5-kg sacks on pallets, 200 items on each

#### GYPSUM PUTTY 690

**Application:**
- for finishing mineral groundwork
- for filling cavities and cracks
- for stucco work
- for gluing groundworks, brick and ceramic CMU surfaces, lime-sandstone block surfaces, elements constructed out of common and autoclaved aerated concrete
- for jointing plasterboards with the use of reinforcing tape
- indoor use

**Product features:**
- good plasticity
- high durability
- good adhesion
- universal

**Composition:**
- gypsum
- mineral fillers
- modifying supplements

**Use:**

**Technical data:**
- consumption: c. 1 kg/m² per 1 mm of layer thickness
- bulk density: c. 0.99 g/cm³
- ultimate compressive strength: ≥ 8 MPa
- ultimate flexural strength: ≥ 2.5 MPa
- concrete surface adhesion: ≥ 0.8 MPa

**Form of delivery:**
- 20-kg sacks on pallets, 54 items on each

#### GYPSUM FINISHING COAT 601

**Application:**
- for finishing and smoothing out the surfaces of walls and ceilings
- for filling cavities and cracks
- for concrete, cement plasters, cement-lime plasters, lime plasters, gypsum plasters, plasterboards
- indoor use
- paint base

**Product features:**
- white
- smooth
- good adhesion
- non-shrinking
- easy-to-polish

**Composition:**
- gypsum
- mineral fillers
- modifying supplements

**Use:**

**Technical data:**
- consumption: c. 1 kg/m² per 1 mm of layer thickness
- bulk density of dry mix: c. 1.00 g/cm³
- ultimate compressive strength: ≥ 3.5 MPa
- ultimate flexural strength: ≥ 1.5 MPa
- surface adhesion: ≥ 0.5 MPa
- layer thickness: up to 3 mm

**Form of delivery:**
- 20-kg sacks on pallets, 54 items on each

---
<table>
<thead>
<tr>
<th>Application</th>
<th>Product features</th>
<th>Composition</th>
<th>Use</th>
<th>Technical data</th>
<th>Form of delivery</th>
</tr>
</thead>
</table>
| • for finishing and smoothing out the surfaces of walls and ceilings  
• for filling cavities and cracks in plasters  
• for concrete, cement plasters, cement-lime plasters, lime plasters, gypsum plasters, plasterboards  
• indoor use  
• paint base | • snow-white  
• very smooth  
• very plastic  
• good adhesion  
• non-shrinking  
• easy to polish | • gypsum  
• mineral fillers  
• modifying supplements | • consumption: c. 1.0 kg/m² per 1 mm of layer thickness  
• bulk density of dry mix: c. 1.0 g/cm³  
• surface adhesion: ≥ 0.5 MPa  
• layer thickness: up to 3 mm  
• reaction to fire: Class A1 | • 20-kg sacks on pallets, 54 items on each |  

<table>
<thead>
<tr>
<th>Application</th>
<th>Product features</th>
<th>Composition</th>
<th>Use</th>
<th>Technical data</th>
<th>Form of delivery</th>
</tr>
</thead>
</table>
| • for finishing and smoothing out the surfaces of walls and ceilings  
• for filling cavities and cracks in plasters  
• for concrete, cement plasters, cement-lime plasters, lime plasters, gypsum plasters, plasterboards  
• indoor use  
• paint base | • extra white  
• smooth  
• good adhesion  
• non-shrinking  
• ready to use  
• easy to polish | • dispersion of acrylic resin  
• dolomite  
• mineral fillers  
• modifying supplements | • consumption: c. 1.90 kg/m² per 1 mm of layer thickness  
• bulk density: c. 1.0 g/cm³  
• concrete surface adhesion: ≥ 0.65 MPa  
• wooden surface adhesion: ≥ 0.25 MPa  
• steel adhesion: ≥ 0.15 MPa  
• layer thickness: up to 2 mm | • 20-kg buckets on pallets, 33 items on each |  

<table>
<thead>
<tr>
<th>Application</th>
<th>Product features</th>
<th>Composition</th>
<th>Use</th>
<th>Technical data</th>
<th>Form of delivery</th>
</tr>
</thead>
</table>
| • for finishing and smoothing out the surfaces of walls and ceilings  
• for filling cavities and cracks in plasters  
• for concrete, cement plasters, cement-lime plasters, lime plasters, gypsum plasters, plasterboards  
• indoor use  
• paint base | • extra white  
• smooth  
• good adhesion  
• non-shrinking  
• waterproof  
• frost-proof  
• easy to polish | • white cement  
• dolomite  
• mineral fillers  
• modifying supplements | • consumption: c. 1.25 kg/m² per 1 mm of layer thickness  
• bulk density: c. 1.15 g/cm³  
• concrete surface adhesion: ≥ 0.5 MPa  
• surface absorbency coefficient: ≤ 2.0 kg/m²·h·0.5  
• relative diffusion resistance: ≤ 0.2 m  
• layer thickness: maximum 5 mm | • 25-kg sacks on pallets, 48 items on each |  

**SUPER WHITE FINISHING COAT 604**

**GIPSEL PLUS 603** ready-to-use dispersion

**EXTERNAL GYPSUM FILLER 602**

*white cement-dolomite finishing coat*
# Gypsum products and finishing coats

## LIME FINISHING COAT 660

**Application:**
- for finishing and smoothing out the surfaces of walls and ceilings
- for priming cement and cement-lime plasters (e.g. PLASTER 501, PLASTER 502L, PLASTER 561, POZTYNK 560)
- indoor use
- ideal paint base
- wet treatment

**Product features:**
- white
- smooth
- good adhesion
- non-shrinking
- environmentally friendly
- waterproof

**Composition:**
- hydrated lime
- mineral fillers
- modifying supplements

**Use:**

<table>
<thead>
<tr>
<th></th>
<th>±2°C</th>
<th>12 mth</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-6l</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Technical data:**
- consumption: c. 1.25 kg/m² per 1 mm of layer thickness
- bulk density: c. 1.00 g/cm³
- concrete surface adhesion: ≥ 0.2 MPa
- relative diffusion resistance: ≤ 0.2 m
- layer thickness: up to 3 mm

**Form of delivery:**
- 25-kg sacks on pallets, 48 items on each

## LIME-CEMENT FINISHING COAT 662

**Application:**
- for finishing and smoothing out the surfaces of walls and ceilings
- for priming cement and cement-lime plasters (e.g. PLASTER 501, PLASTER 502L, PLASTER 561, POZTYNK 560)
- indoor use
- ideal paint base
- wet treatment

**Product features:**
- smooth
- good adhesion
- non-shrinking
- environmentally friendly
- waterproof
- frost-proof

**Composition:**
- Portland cement
- hydrated lime
- mineral fillers
- modifying supplements

**Use:**

<table>
<thead>
<tr>
<th></th>
<th>±2°C</th>
<th>12 mth</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-11l</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-6l</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Technical data:**
- consumption: c. 1.25 kg/m² per 1 mm of layer thickness
- granulation: up to 0.5 mm
- bulk density: c. 1.30 g/cm³
- concrete adhesion: ≥ 0.2 MPa
- dissolved chromium contents in the ready product mass: ≤ 0.0002%
- layer thickness: up to 5 mm

**Form of delivery:**
- 25-kg sacks on pallets, 48 items on each
<table>
<thead>
<tr>
<th>Application</th>
<th>ACRYLIC PAINT 001</th>
<th>SILICATE PAINT 002</th>
<th>SILICONE PAINT 003</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>facade paint</td>
<td>facade silicate paint</td>
<td>facade paint</td>
</tr>
<tr>
<td>• for performing paint coatings on surfaces such as cement and cement-lime plasters, thin-layer mineral and dispersion plasters, concrete, gypsum materials, plasterboards</td>
<td>particular recommendation for providing a protective coating to historical monuments during renovation</td>
<td>particular recommendation for providing a protective coating to historical monuments during renovation, or buildings exposed to adverse environmental conditions, such as smog, acid rain, etc.</td>
<td></td>
</tr>
<tr>
<td>• indoor and outdoor use</td>
<td>indoor and outdoor use</td>
<td>indoor and outdoor use</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product features</th>
<th>ACRYLIC PAINT 001</th>
<th>SILICATE PAINT 002</th>
<th>SILICONE PAINT 003</th>
</tr>
</thead>
<tbody>
<tr>
<td>• waterproof</td>
<td>waterproof</td>
<td>waterproof</td>
<td>waterproof and frosted-proof</td>
</tr>
<tr>
<td>• frost-proof</td>
<td>frost-proof</td>
<td>frosted-proof</td>
<td>vapor-permeable</td>
</tr>
<tr>
<td>• hydrophobic</td>
<td>very vapor-permeable</td>
<td>hydrophobic</td>
<td>elastic</td>
</tr>
<tr>
<td>• environmentally friendly</td>
<td>provides perfect surface adhesion</td>
<td>environmentally friendly</td>
<td>hydrophobic</td>
</tr>
<tr>
<td>• non-toxic</td>
<td>hydrophobic</td>
<td>non-toxic</td>
<td>environmentally friendly</td>
</tr>
<tr>
<td>• resistant to UV rays</td>
<td>environmentally friendly</td>
<td>resistant to UV rays</td>
<td>non-toxic</td>
</tr>
<tr>
<td>• good coverage</td>
<td>resistant to UV rays</td>
<td>resistant to mold and stains</td>
<td>resistant to UV rays</td>
</tr>
<tr>
<td>• water</td>
<td>resistant to mold and stains</td>
<td>good coverage</td>
<td>easily washable</td>
</tr>
<tr>
<td>• dispersion of acrylic polymer</td>
<td>good coverage</td>
<td>silicone emulsion</td>
<td>self-cleaning property</td>
</tr>
<tr>
<td>• auxiliary agents</td>
<td>silicone emulsion</td>
<td>water dispersion of acrylic polymer</td>
<td>perfect coverage</td>
</tr>
<tr>
<td>• pigments</td>
<td>water dispersion of acrylic polymer</td>
<td>auxiliary agents</td>
<td>water dispersion of acrylic polymer</td>
</tr>
<tr>
<td>• water</td>
<td>auxiliary agents</td>
<td>pigments</td>
<td>water dispersion of acrylic polymer</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Composition:</th>
<th>ACRYLIC PAINT 001</th>
<th>SILICATE PAINT 002</th>
<th>SILICONE PAINT 003</th>
</tr>
</thead>
<tbody>
<tr>
<td>• water dispersion of acrylic polymer</td>
<td>water dispersion of acrylic polymer</td>
<td>silicone emulsion</td>
<td></td>
</tr>
<tr>
<td>• auxiliary agents</td>
<td>auxiliary agents</td>
<td>water dispersion of acrylic polymer</td>
<td></td>
</tr>
<tr>
<td>• pigments</td>
<td>pigments</td>
<td>auxiliary agents</td>
<td>water dispersion of acrylic polymer</td>
</tr>
<tr>
<td>• water</td>
<td>water</td>
<td>pigments</td>
<td>water</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Use:</th>
<th>ACRYLIC PAINT 001</th>
<th>SILICATE PAINT 002</th>
<th>SILICONE PAINT 003</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10-30 m²/m²</td>
<td>10-30 m²/m²</td>
<td>10-30 m²/m²</td>
</tr>
<tr>
<td></td>
<td>12 mth</td>
<td>12 mth</td>
<td>12 mth</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Technical data:</th>
<th>ACRYLIC PAINT 001</th>
<th>SILICATE PAINT 002</th>
<th>SILICONE PAINT 003</th>
</tr>
</thead>
<tbody>
<tr>
<td>• consumption: c. 150-300 ml/m² (depending on the absorbency and structure of groundwork)</td>
<td>consumption: c. 150-300 ml/m² (depending on the absorbency and structure of groundwork)</td>
<td>consumption: c. 150-300 ml/m² (depending on the absorbency and structure of groundwork)</td>
<td></td>
</tr>
<tr>
<td>• colour: white or one of 406 colours</td>
<td>colour: white or one of 229 colours</td>
<td>colour: white or one of 252 colours</td>
<td></td>
</tr>
<tr>
<td>• resistance to scrubbing: ≥ 5000 cycles</td>
<td>resistance to scrubbing: ≥ 5000 cycles</td>
<td>resistance to wet-scrubbing: ≥ 5000 cycles</td>
<td></td>
</tr>
<tr>
<td>• layer drying time: c. 12 hours</td>
<td>layer drying time: c. 12 hours</td>
<td>layer drying time: c. 12 hours</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Form of delivery:</th>
<th>ACRYLIC PAINT 001</th>
<th>SILICATE PAINT 002</th>
<th>SILICONE PAINT 003</th>
</tr>
</thead>
<tbody>
<tr>
<td>plastic containers:</td>
<td>5 l on pallets, 80 items on each</td>
<td>5 l on pallets, 80 items on each</td>
<td>5 l on pallets, 80 items on each</td>
</tr>
<tr>
<td>plastic containers:</td>
<td>15 l on pallets, 33 items on each</td>
<td>15 l on pallets, 33 items on each</td>
<td>15 l on pallets, 33 items on each</td>
</tr>
</tbody>
</table>
## Paint

| SILICONE PAINT 003C  
| CALIFORNIA  
| facade paint | SISI PAINT 004  
| silicate-silicone facade paint | NANOTECH PAINT 006  
| nanoparticle facade paint |

### Application:
- for performing paint coatings on surfaces such as cement and cement-lime plasters, thin-layer mineral, acrylic, silicone, silicate plasters, concrete, gypsum materials, plasterboards
- particularly recommended for providing a protective coating to historical monuments during renovation, or buildings exposed to adverse environmental conditions, such as smog, acid rain, etc.
- indoor and outdoor use

### Product features:
- waterproof and frost-proof
- vapor-permeable
- elastic
- highly hydrophobic
- environmentally friendly
- non-toxic
- resistant to UV rays
- easily washable
- self-cleaning property
- perfect coverage

### Composition:
- silicone emulsion
- water dispersion of acrylic polymer
- auxiliary agents
- pigments
- water

### Use:
- for performing paint coatings on surfaces such as cement and cement-lime plasters, thin-layer mineral, acrylic, silicone, silicate plasters, concrete, gypsum materials, plasterboards
- particularly recommended for providing a protective coating to historical monuments during renovation, or buildings exposed to adverse environmental conditions, such as smog, acid rain, etc.
- indoor and outdoor use

### Technical data:
- consumption: c. 150-300 ml/m² (depending on the absorbency and structure of groundwork)
- colour: white or one of 128 colours in the California I palette, or 80 colours in the California II palette
- resistance to wet-scrubbing: ≥ 5000 cycles
- layer drying time: c. 12 hours

### Form of delivery:
- plastic containers:
  - 5l on pallets, 80 items on each
  - 15l on pallets, 33 items on each

---

### SISI PAINT 004:
- for performing paint coatings on surfaces such as cement and cement-lime plasters, thin-layer mineral, acrylic, silicone, silicate plasters, concrete, gypsum materials, plasterboards
- particularly recommended for providing a protective coating to historical monuments during renovation, or buildings exposed to adverse environmental conditions, such as smog, acid rain, etc.
- indoor and outdoor use

### Product features:
- waterproof
- frost-proof
- vapor-permeable
- hydrophobic
- environmentally friendly
- non-toxic
- resistant to UV rays
- washable
- good coverage

### Composition:
- water
- potassium waterglass
- silicone emulsion
- water dispersion of acrylic polymer
- auxiliary fillers
- pigments, water

### Use:
- indoor and outdoor use

### Technical data:
- consumption: c. 150-300 ml/m² (depending on the absorbency and structure of groundwork)
- colour: white or one of 229 colours
- resistance to wet-scrubbing: ≥ 5000 cycles
- layer drying time: c. 12 hours

### Form of delivery:
- plastic containers:
  - 5l on pallets, 80 items on each
  - 15l on pallets, 33 items on each

---

### NANOTECH PAINT 006:
- for performing paint coatings on surfaces such as cement and cement-lime plasters, thin-layer mineral, acrylic, silicone, silicate plasters, concrete, gypsum materials, plasterboards
- particularly recommended for providing a protective coating to historical monuments during renovation, or buildings exposed to adverse environmental conditions, such as smog, acid rain, etc.
- indoor and outdoor use

### Product features:
- waterproof and frost-proof
- very vapor-permeable
- elastic
- highly hydrophobic
- environmentally friendly
- non-toxic
- resistant to UV rays
- easily washable
- self-cleaning property
- perfect coverage

### Composition:
- nanoparticle silicone resin
- water dispersion of acrylic polymer
- auxiliary agents, pigments
- water

### Technical data:
- consumption: c.150-300 ml/m² (depending on the absorbency and structure of groundwork)
- colour: white or one of 252 colours
- resistance to wet-scrubbing: ≥ 5000 cycles
- layer drying time: c. 12 hours

### Form of delivery:
- plastic containers:
  - 5l on pallets, 80 items on each
  - 15l on pallets, 33 items on each
### LATEX PAINT 011  
**indoor-use paint**

**Application:**
- for painting the surfaces of walls and ceilings in family housing and public building, or industrial interiors, as well as in hospital units (examinations rooms, operation rooms, etc.)
- for such groundwork types as cement, cement-lime, plaster, gypsum plaster and finishing coats, plasterboards and other mineral bases
- indoor use

**Product features:**
- perfect coverage
- resistant to scrubbing
- efficient
- indoor-use
- semi-mat or mat
- environmentally friendly
- non-dripping

**Composition:**
- polymer dispersion
- refining supplements
- fillers
- water

**Use:**

**Technical data:**
- consumption after single use: c. 80 ml/m²
- colour: 252 colours
- resistance to wet-scrubbing: ≥ 1000 cycles
- layer thickness loss with wet-scrubbing: 4.2 μm after 2000 cycles

**Form of delivery:**
- plastic containers:
  - 2.5l on pallets, 100 items on each
  - 5l on pallets, 80 items on each

### SUPER WHITE PAINT 012 ACRYLIC  
**indoor-use paint**

**Application:**
- for painting the surfaces of walls and ceilings in family housing and public building, as well as industrial interiors,
- for such groundwork types as cement, cement-lime, plaster, gypsum plaster and finishing coats, plasterboards and other mineral bases
- indoor use

**Product features:**
- ideal coverage
- extra white
- efficient
- indoor-use
- mat

**Composition:**
- water dispersion of acrylic polymer
- refining agents
- fillers
- water

**Use:**

**Technical data:**
- consumption after single use: c. 100 ml/m²
- bulk density: c. 1.45 g/cm² (+/- 10%)
- resistance to dry-scrubbing: resistant
- surface drying time: c. 1 hour
- quality coverage: III

**Form of delivery:**
- plastic containers:
  - 18l on pallets, 33 items on each
  - 10l on pallets, 33 items on each

### Colour PAINT 014 ACRYLIC  
**indoor-use paint**

**Application:**
- for painting the surfaces of walls and ceilings in family housing and public building, as well as industrial interiors,
- for such groundwork types as cement, cement-lime, plaster, gypsum plaster and finishing coats, plasterboards and other mineral bases
- indoor use

**Product features:**
- ideal coverage
- efficient
- indoor-use
- mat

**Composition:**
- water dispersion of acrylic polymer
- refining agents
- fillers
- pigments
- water

**Use:**

**Technical data:**
- consumption after single use: c. 100 ml/m²
- colour: 406 colours
- bulk density: c. 1.42 g/cm² (+/- 10%)
- resistance to dry-scrubbing: resistant
- surface drying time: c. 1 hour
- quality coverage: II

**Form of delivery:**
- plastic containers:
  - 2.5l on pallets, 100 items on each
  - 5l on pallets, 80 items on each
### Paint

<table>
<thead>
<tr>
<th>STRUCTURAL MINERAL PAINT 071</th>
<th>FRONTA 1001 clinker oil</th>
<th>ANTIGRAFFITI 1006 anti-graffiti protective coating</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application:</strong></td>
<td></td>
<td><strong>NEW !!!</strong></td>
</tr>
<tr>
<td>- for machine-spraying application of decorative layers in the garage system of thermal insulation for ceilings</td>
<td>- oil for impregnating brick, clinker fittings</td>
<td>- for securing surfaces against spray paint</td>
</tr>
<tr>
<td>- to be applied on prepared lamella mineral wool</td>
<td>- for impregnating natural stone, roofing tiles and other types of mineral decorative elements</td>
<td>- for cement-line plasters, thin-layer plasters, façade paint, clinker linings, stone linings</td>
</tr>
<tr>
<td>- indoor use</td>
<td>- indoor and outdoor use</td>
<td>- creates a washable, colourless coating</td>
</tr>
<tr>
<td><strong>Product features:</strong></td>
<td></td>
<td>- must be recreated after washing</td>
</tr>
<tr>
<td>- waterproof</td>
<td>- waterproof</td>
<td>- waterproof</td>
</tr>
<tr>
<td>- good adhesion</td>
<td>- frost-proof</td>
<td>- frost-proof</td>
</tr>
<tr>
<td>- very vapor-permeable</td>
<td>- vapor-permeable</td>
<td>- colourless</td>
</tr>
<tr>
<td>- inflammable</td>
<td>- hydrophobic</td>
<td>- efficient</td>
</tr>
<tr>
<td>- resistance to impacts</td>
<td>- blocks dirt penetration</td>
<td>- environmentally friendly</td>
</tr>
<tr>
<td><strong>Composition:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- white Portland cement</td>
<td>- acrylic polymer</td>
<td>- dispersive wax</td>
</tr>
<tr>
<td>- hydrated lime</td>
<td>- aliphatic hydrocarbons</td>
<td>- refining supplements</td>
</tr>
<tr>
<td>- mineral fillers</td>
<td>- auxiliary agents</td>
<td>- water</td>
</tr>
<tr>
<td>- modifying supplements</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Use:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Technical data:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- consumption of dry mix: c. 1.2 kg/m²</td>
<td>- consumption: c. 0.08-0.12 l/m² depending on surface absorbency</td>
<td>- consumption: c.a. 200-700 g/m²</td>
</tr>
<tr>
<td>- bulk density of dry mix: c. 1.02 g/cm³</td>
<td>- colour: colourless</td>
<td>- colour: colourless</td>
</tr>
<tr>
<td>- resistance to shrinking cracks: no cracks</td>
<td>- pH: c.a. 7</td>
<td>- pH: c.a. 7</td>
</tr>
<tr>
<td>- loss in baking at 450°C: 2.0% +/- 2%</td>
<td>- layer drying-up time: c.a. 24 hours</td>
<td>- layer drying-up time: c.a. 24 hours</td>
</tr>
<tr>
<td>- granulation: 1 mm</td>
<td>- drying time: depends on ambient temperature</td>
<td>- washing – with pressurized hot water (80°C)</td>
</tr>
<tr>
<td><strong>Form of delivery:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- 25-kg sacks on pallets, 48 items on each</td>
<td>- 1-l containers in cardboard boxes, 12 items in each</td>
<td>- 1-kg containers in cardboard boxes, 8 items in each</td>
</tr>
</tbody>
</table>

### Cleaning agents and impregnates

- **FRONTA 1001 clinker oil**
  - **Product features:**
    - waterproof
    - frost-proof
    - vapor-permeable
    - hydrophobic
    - blocks dirt penetration
    - seals the structure
    - solvent
  - **Composition:**
    - acrylic polymer
    - aliphatic hydrocarbons
    - auxiliary agents
  - **Use:**
    - oil for impregnating brick, clinker fittings
    - for impregnating natural stone, roofing tiles and other types of mineral decorative elements
    - indoor and outdoor use
  - **Technical data:**
    - consumption: c. 0.08-0.12 l/m² depending on surface absorbency
    - colour: colourless
    - drying time: depends on ambient temperature
    - pH: c.a. 7
    - layer drying-up time: c.a. 24 hours
    - washing – with pressurized hot water (80°C)
    - granulation: 1 mm
  - **Form of delivery:**
    - 1-l containers in cardboard boxes, 12 items in each

- **ANTIGRAFFITI 1006 anti-graffiti protective coating**
  - **Product features:**
    - waterproof
    - frost-proof
    - colourless
    - efficient
    - environmentally friendly
  - **Composition:**
    - dispersive wax
    - refining supplements
    - water
  - **Use:**
    - for securing surfaces against spray paint
    - for cement-line plasters, thin-layer plasters, façade paint, clinker linings, stone linings
    - creates a washable, colourless coating
    - must be recreated after washing
  - **Technical data:**
    - consumption: c.a. 200-700 g/m²
    - colour: colourless
    - pH: c.a. 7
    - layer drying-up time: c.a. 24 hours
    - washing – with pressurized hot water (80°C)
  - **Form of delivery:**
    - 1-kg containers in cardboard boxes, 8 items in each
### Cleaning agents and impregnates

<table>
<thead>
<tr>
<th>SEDIMENT REMOVER 1007</th>
<th>SEPTOBUD 1008</th>
<th>HYDROMUR-W 1010</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application:</strong></td>
<td><strong>Product features:</strong></td>
<td><strong>Technical data:</strong></td>
</tr>
<tr>
<td>for non-aggressive removal of all types of cement and lime sediments</td>
<td>removes salt stains</td>
<td>for performing surface hydrophobization of absorbent structural layers and elements; indoor and outdoor use</td>
</tr>
<tr>
<td>for removing dirt and stains created by minerals included in water, rust, etc.</td>
<td>environmentally friendly</td>
<td>for securing façades against the penetration of rainwater and aggressive agents</td>
</tr>
<tr>
<td>for cleaning ceramic, glazed and other tiles, chromium-plated elements, plastic elements and lacquered surfaces</td>
<td>easy to use</td>
<td>for mineral plasters (without gypsum contents), stone, concrete and terrazzo lining, ceramic façade brick, clinker brick and silicate brick walls, ceramic and cement roofing tiles, cement-fiber boards</td>
</tr>
<tr>
<td>indoor and outdoor use</td>
<td>concentrated</td>
<td>consumptions: 0.2-0.7 l/m², depending on the degree of staining</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Product features:</strong></th>
<th><strong>Composition:</strong></th>
<th><strong>Use:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>removes salt stains</td>
<td>water solution of citric acid</td>
<td>12 months</td>
</tr>
<tr>
<td>environmentally friendly</td>
<td>organic surfactants</td>
<td>12 months</td>
</tr>
<tr>
<td>easy to use</td>
<td>odorants</td>
<td>12 months</td>
</tr>
<tr>
<td>concentrated</td>
<td>water</td>
<td>12 months</td>
</tr>
<tr>
<td>effective</td>
<td>active agent on the basis of benzalkonium chloride</td>
<td>12 months</td>
</tr>
<tr>
<td>ready to use</td>
<td>refining agents</td>
<td>12 months</td>
</tr>
<tr>
<td>effective</td>
<td>water</td>
<td>12 months</td>
</tr>
<tr>
<td>ready to use</td>
<td>functional polysiloxine emulsion</td>
<td>12 months</td>
</tr>
<tr>
<td>waterproof</td>
<td></td>
<td></td>
</tr>
<tr>
<td>frost-proof</td>
<td></td>
<td></td>
</tr>
<tr>
<td>vapor-permeable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>blocks dirt setting</td>
<td></td>
<td></td>
</tr>
<tr>
<td>reduces absorbency</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Technical data:</strong></th>
<th><strong>Form of delivery:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>consumption: depending on the degree of staining</td>
<td>1 l containers in cardboard boxes, 8 items in each</td>
</tr>
<tr>
<td>colour: colourless</td>
<td>0.5 l containers in cardboard boxes, 12 items in each</td>
</tr>
<tr>
<td>bulk density: c. 1.05 g/cm²</td>
<td>5 l containers on pallets, 120 items on each</td>
</tr>
<tr>
<td>pH: c. 2.5</td>
<td>1 l containers in cardboard boxes, 12 items in each</td>
</tr>
<tr>
<td></td>
<td>5 l containers on pallets, 120 items on each</td>
</tr>
<tr>
<td>consumption: c. 0.15-0.2 l/m², depending on the degree of staining</td>
<td></td>
</tr>
<tr>
<td>colour: colourless</td>
<td></td>
</tr>
<tr>
<td>bulk density: c. 1.00 g/cm²</td>
<td></td>
</tr>
<tr>
<td>pH: c. 3.5</td>
<td></td>
</tr>
<tr>
<td>consumption: 0.2-0.7 l/m², depending on the degree of staining</td>
<td></td>
</tr>
<tr>
<td>colour: colourless</td>
<td></td>
</tr>
<tr>
<td>bulk density: c. 1.00 g/cm²</td>
<td></td>
</tr>
<tr>
<td>pH: c. 6-8</td>
<td></td>
</tr>
<tr>
<td>resistance to rainwater action after c. 4 hours</td>
<td></td>
</tr>
<tr>
<td>full hydrophobic action after c. 1 week</td>
<td></td>
</tr>
</tbody>
</table>

- SEDIMENT REMOVER 1007 cement and lime sediment remover
- SEPTOBUD 1008 biocide
- HYDROMUR-W 1010 water-based hydrophobizing agent
# Thermal insulation systems

<table>
<thead>
<tr>
<th>TURBO on Styrofoam</th>
<th>TURBO-S on Styrofoam</th>
<th>TURBO-SA on Styrofoam</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application:</strong></td>
<td><strong>Application:</strong></td>
<td><strong>Application:</strong></td>
</tr>
<tr>
<td>• for performing thermal insulation systems in family housing, public and industrial buildings</td>
<td>• for performing thermal insulation systems in family housing, public and industrial buildings</td>
<td>• for performing thermal insulation systems in family housing, public and industrial buildings</td>
</tr>
<tr>
<td>• for newly-built and renovated buildings</td>
<td>• for newly-built and renovated buildings</td>
<td>• particularly recommended for buildings located in the vicinity of forests, water reservoirs,</td>
</tr>
<tr>
<td>• outdoor use</td>
<td>• outdoor use</td>
<td>• outdoor use</td>
</tr>
<tr>
<td><strong>Product features:</strong></td>
<td><strong>Product features:</strong></td>
<td><strong>Product features:</strong></td>
</tr>
<tr>
<td>• waterproof</td>
<td>• waterproof</td>
<td>• waterproof</td>
</tr>
<tr>
<td>• frost-proof</td>
<td>• frost-proof</td>
<td>• frost-proof</td>
</tr>
<tr>
<td>• traditional</td>
<td>• elastic mortar</td>
<td>• hydrophobic</td>
</tr>
<tr>
<td>• economy pack</td>
<td>• high mechanical durability</td>
<td>• high mechanical durability</td>
</tr>
<tr>
<td>• resistant to overgrowth</td>
<td>• economy pack</td>
<td>• resistant to overgrowth</td>
</tr>
<tr>
<td>• eliminates thermal bridges</td>
<td>• full colour pallet</td>
<td>• eliminates thermal bridges</td>
</tr>
<tr>
<td><strong>Composition:</strong></td>
<td><strong>Composition:</strong></td>
<td><strong>Composition:</strong></td>
</tr>
<tr>
<td>• LEPSTYR 210</td>
<td>• LEPSTYR 210</td>
<td>• LEPSTYR 210</td>
</tr>
<tr>
<td>• mechanical dowels</td>
<td>• mechanical dowels</td>
<td>• mechanical dowels</td>
</tr>
<tr>
<td>• VERTEX reinforcing grid</td>
<td>• VERTEX reinforcing grid</td>
<td>• VERTEX reinforcing grid</td>
</tr>
<tr>
<td>• STYRLEP 220/STYRLEP-B 225</td>
<td>• STYRLEP 220/STYRLEP-B 225</td>
<td>• STYRLEP 220/STYRLEP-B 225</td>
</tr>
<tr>
<td>• TYNKOLIT-T 330</td>
<td>• TYNKOLIT-T 330</td>
<td>• TYNKOLIT-SA 331</td>
</tr>
<tr>
<td>• POZTYNK-SZ 061/062</td>
<td>• AKRYTYNK 010</td>
<td>• SILIKATYNK 020</td>
</tr>
<tr>
<td>• EQUALIZING PAINT 005, SILICATE PAINT 002, SILICONE PAINT 003, SISI 004, NANOTECH 006</td>
<td>• AKRYTYNK 010 C</td>
<td></td>
</tr>
<tr>
<td><strong>Use:</strong></td>
<td><strong>Use:</strong></td>
<td><strong>Use:</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Technical data:</strong></td>
<td><strong>Technical data:</strong></td>
<td><strong>Technical data:</strong></td>
</tr>
<tr>
<td>• colour: one of 156 colours</td>
<td>• colour: one of 380 colours + 120 colours in the California I palette and 80 colours in the California II colour palette</td>
<td>• colour: one of 203 colours</td>
</tr>
<tr>
<td>• reaction to fire: B – s1, d0; fire-retardant</td>
<td>• reaction to fire: B – s1, d0; fire-retardant</td>
<td>• reaction to fire: B – s1, d0; fire-retardant</td>
</tr>
<tr>
<td>• resistant to impacts: Category III</td>
<td>• resistant to impacts: Category II (10J)/Category I with a double grid layer (10J + perfo test)</td>
<td>• resistant to impacts: Category II (10J)/Category I with a double grid layer (10J + perfo test)</td>
</tr>
<tr>
<td>• vapor permeability: ≤ 2.0 (result acquired for maximum grain thickness of 3 mm: 0.3)</td>
<td>• vapor permeability: ≤ 2.0 (result acquired for maximum grain thickness of 3 mm: 0.3)</td>
<td>• vapor permeability: ≤ 2.0 (result acquired for maximum grain thickness of 3 mm: 0.3)</td>
</tr>
<tr>
<td>• Styrofoam adhesion of the reinforcing layer:</td>
<td>• concrete adhesion: ≥ 0.25 MPa</td>
<td>• concrete adhesion: ≥ 0.25 MPa</td>
</tr>
<tr>
<td>• concrete adhesion: ≥ 0.25 MPa</td>
<td><strong>Form of delivery:</strong></td>
<td><strong>Form of delivery:</strong></td>
</tr>
</tbody>
</table>

**Form of delivery:**

- TURBO on Styrofoam
- TURBO-S on Styrofoam
- TURBO-SA on Styrofoam
<table>
<thead>
<tr>
<th>Application</th>
<th>TURBO-SO on Styrofoam</th>
<th>TURBO-SO PROTECT on Styrofoam</th>
<th>TURBO-SISI on Styrofoam</th>
</tr>
</thead>
<tbody>
<tr>
<td>• for performing thermal insulation systems in family housing, public and industrial buildings</td>
<td>• for performing thermal insulation systems in family housing, public and industrial buildings</td>
<td>• for performing thermal insulation systems in family housing, public and industrial buildings</td>
<td></td>
</tr>
<tr>
<td>• particularly recommended for buildings located in the vicinity of forests, water reservoirs, industrial agglomerations</td>
<td>• particularly recommended for buildings located in the vicinity of forests, parks, water reservoirs, seaside areas, industrial and urban agglomerations</td>
<td>• particularly recommended for buildings located in the vicinity of forests, parks, water reservoirs, seaside areas, industrial and urban agglomerations</td>
<td></td>
</tr>
<tr>
<td>• outdoor use</td>
<td>• outdoor use</td>
<td>• outdoor use</td>
<td></td>
</tr>
<tr>
<td>Product features:</td>
<td>• waterproof</td>
<td>• waterproof and frost-proof</td>
<td>• waterproof and frost-proof</td>
</tr>
<tr>
<td></td>
<td>• frost-proof</td>
<td>• universal</td>
<td>• universal</td>
</tr>
<tr>
<td></td>
<td>• elastic mortar</td>
<td>• elastic mortar</td>
<td>• elastic mortar</td>
</tr>
<tr>
<td></td>
<td>• high mechanical durability</td>
<td>• high mechanical durability</td>
<td>• high mechanical durability</td>
</tr>
<tr>
<td></td>
<td>• full colour palette</td>
<td>• full colour palette</td>
<td>• full colour palette</td>
</tr>
<tr>
<td></td>
<td>• eliminates thermal bridges</td>
<td>• eliminates thermal bridges</td>
<td>• eliminates thermal bridges</td>
</tr>
<tr>
<td></td>
<td>• vapor-permeable plaster</td>
<td>• vapor-permeable plaster</td>
<td>• vapor-permeable plaster</td>
</tr>
<tr>
<td></td>
<td>• self-cleaning properties</td>
<td>• self-cleaning properties</td>
<td>• self-cleaning properties</td>
</tr>
<tr>
<td></td>
<td>• resistant to overgrowth</td>
<td>• resistant to overgrowth</td>
<td>• resistant to overgrowth</td>
</tr>
<tr>
<td></td>
<td>• high resistance to UV rays</td>
<td>• high resistance to UV rays</td>
<td>• high resistance to UV rays</td>
</tr>
<tr>
<td>Composition:</td>
<td>• LEPSTYR 210</td>
<td>• LEPSTYR 210</td>
<td>• LEPSTYR 210</td>
</tr>
<tr>
<td></td>
<td>• mechanical dowels</td>
<td>• mechanical dowels</td>
<td>• mechanical dowels</td>
</tr>
<tr>
<td></td>
<td>• VERTEX reinforcing grid</td>
<td>• VERTEX reinforcing grid</td>
<td>• VERTEX reinforcing grid</td>
</tr>
<tr>
<td></td>
<td>• STYRLEP 220/STYRLEP-B 225</td>
<td>• STYRLEP 220/STYRLEP-B 225</td>
<td>• STYRLEP 220/STYRLEP-B 225</td>
</tr>
<tr>
<td></td>
<td>• TYNKOLIT-SO 332</td>
<td>• TYNKOLIT-SO 332</td>
<td>• TYNKOLIT-SISI 333</td>
</tr>
<tr>
<td></td>
<td>• SILIKOTYNK 030</td>
<td>• SILIKOTYNK 030</td>
<td>• SISITYNK 040</td>
</tr>
<tr>
<td></td>
<td>• SILIKON PROTECT 031</td>
<td></td>
<td>• SISITYNK 040</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• SISITYNK 040 C</td>
</tr>
<tr>
<td>Use:</td>
<td>• colour: one of 380 colours</td>
<td>• colour: one of 380 colours</td>
<td>• colour: one of 380 colours + 120 colours in the California I colour palette</td>
</tr>
<tr>
<td></td>
<td>• reaction to fire: B – s1, d0; fire-retardant</td>
<td>• reaction to fire: B – s1, d0; fire-retardant</td>
<td>• reaction to fire: B – s1, d0; fire-retardant</td>
</tr>
<tr>
<td></td>
<td>• resistant to impacts: Category II (10J)/Category I with a double grid layer (10J + perfo test)</td>
<td>• resistant to impacts: Category III (10J)/Category I with a double grid layer (10J + perfo test)</td>
<td>• resistant to impacts: Category III (10J)/Category I with a double grid layer (10J + perfo test)</td>
</tr>
<tr>
<td></td>
<td>• vapor permeability: ≤ 2.0 (result acquired for max. grain thickness of 3 mm: 0.3)</td>
<td>• vapor permeability: ≤ 2.0 (result acquired for max. grain thickness of 3 mm: 0.3)</td>
<td>• vapor permeability: ≤ 2.0 (result acquired for max. grain thickness of 3 mm: 0.3)</td>
</tr>
<tr>
<td></td>
<td>• concrete adhesion: ≥ 0.25 MPa</td>
<td>• concrete adhesion: ≥ 0.25 MPa</td>
<td>• concrete adhesion: ≥ 0.25 MPa</td>
</tr>
<tr>
<td>Form of delivery:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# Thermal insulation systems

<table>
<thead>
<tr>
<th>TURBO Z-SA WINTER SYSTEM on Styrofoam</th>
<th>TURBO-W on mineral wool</th>
<th>TURBO-WSA on mineral wool</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application:</strong></td>
<td><strong>for performing thermal insulation systems in family housing, public and industrial buildings</strong></td>
<td><strong>for performing thermal insulation systems in family housing, public and industrial buildings</strong></td>
</tr>
<tr>
<td>for performing thermal insulation works in lower temperatures &gt; 0°C</td>
<td>for newly-built and renovated buildings</td>
<td>particularly recommended for buildings located in the vicinity of forests or water reservoirs</td>
</tr>
<tr>
<td>for performing thermal insulation systems in family housing, public and industrial buildings</td>
<td>outdoor use</td>
<td>outdoor use</td>
</tr>
<tr>
<td>for newly-built and renovated buildings</td>
<td></td>
<td></td>
</tr>
<tr>
<td>particularly recommended for buildings located in the vicinity of forests or water reservoirs</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>for performing thermal insulation systems in family housing, public and industrial buildings</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>for newly-built and renovated buildings</td>
<td></td>
</tr>
<tr>
<td></td>
<td>particularly recommended for buildings located in the vicinity of forests or water reservoirs</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Product features:</strong></td>
<td><strong>waterproof</strong></td>
<td><strong>waterproof</strong></td>
</tr>
<tr>
<td><strong>waterproof</strong></td>
<td><strong>frost-proof</strong></td>
<td><strong>frost-proof</strong></td>
</tr>
<tr>
<td><strong>frost-proof</strong></td>
<td><strong>hydrophobic</strong></td>
<td><strong>hydrophobic</strong></td>
</tr>
<tr>
<td><strong>hydrophobic</strong></td>
<td><strong>high mechanical durability</strong></td>
<td><strong>high mechanical durability</strong></td>
</tr>
<tr>
<td><strong>high mechanical durability</strong></td>
<td><strong>resistant to overgrowth</strong></td>
<td><strong>resistant to overgrowth</strong></td>
</tr>
<tr>
<td><strong>resistant to overgrowth</strong></td>
<td><strong>vapor-permeable</strong></td>
<td><strong>vapor-permeable</strong></td>
</tr>
<tr>
<td><strong>vapor-permeable</strong></td>
<td><strong>eliminates thermal bridges</strong></td>
<td><strong>eliminates thermal bridges</strong></td>
</tr>
<tr>
<td><strong>eliminates thermal bridges</strong></td>
<td><strong>inflammable</strong></td>
<td><strong>inflammable</strong></td>
</tr>
<tr>
<td><strong>inflammable</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Form of delivery:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| **Composition:**                     | **LEPSTYR-W 230**       | **LEPSTYR-W 230** |
| **LEPSTYR-W 230**                    | **mechanical dowels**   | **mechanical dowels** |
| **mechanical dowels**                | **145 g/m²** VERTEX reinforcing grid | **145 g/m²** VERTEX reinforcing grid |
| **VERTEX reinforcing grid**         | **STYRLEP-W 240 / STYRLEP-B 225** | **STYRLEP-W 240 / STYRLEP-B 225** |
| **STYRLEP-W 240**                    | **TYNKOLIT-SA 330**     | **TYNKOLIT-SA 331** |
| **TYNKOLIT-SA 330**                 | **SILIKATYNK-Z 021**    | **SILIKATYNK 020** |
| **SILIKATYNK-Z 021**                | | |

| **Use:**                             | | |
| | | |

| **Technical data:**                  | **colour: one of 156 colours** | **colour: one of 203 colours** |
| **colour: one of 406 colours**       | **reaction to fire: A2 – s1; d0; inflammable** | **reaction to fire: A2 – s2, d0: fire-retardant** |
| **reaction to fire: F (not tested)** | **EPS adhesion of adhesive mortar: ≥ 80 kPa** | **resistance to impacts: Category II** |
| **EPS adhesion of adhesive mortar: ≥ 80 kPa** | **water permeability coefficient for the system: ≤ W3 low** | **vapor permeability: ≤ 0.1 (result acquired for maximum grain thickness of 3 mm: 0.3)** |
| | **water permeability for the system: < 0.5 kg/m²** | | |
| | water absorbercy after 24 hours (for all types of paint): < 0.5 kg/m² | **concrete adhesion: ≥ 0.25 MPa** |
| | resistance to impacts: category III | | |
| | resistance to impacts: category III | **concrete adhesion: ≥ 0.25 MPa** |
| | | | |
| | | | |
| | | | |

| **Form of delivery:**                | | |
| | | |

---

**Thermal insulation systems**

**Application:** for performing thermal insulation works in lower temperatures > 0°C, for performing thermal insulation systems in family housing, public and industrial buildings, for newly-built and renovated buildings, particularly recommended for buildings located in the vicinity of forests or water reservoirs.

**Product features:** waterproof, frost-proof, hydrophobic, high mechanical durability, resistant to overgrowth, eliminates thermal bridges, vapor-permeable, early resistance to temperatures below zero, specialist.

**Composition:** LEPSTYR-Z 211, mechanical dowels, VERTEX reinforcing grid, STYRLEP-Z 221, TYNKOLIT-Z-SA 341, SILIKATYNK-Z 021.

**Use:**

**Technical data:** colour: one of 156 colours, reaction to fire: A2 – s1; d0; inflammable, water absorbercy after 24 hours (for all types of paint): < 0.5 kg/m², water permeability coefficient for the system: ≤ W3 low, resistance to impacts: category III, vapor permeability: ≤ 1.0 (result acquired for max. grain thickness of 3 mm: 0.3), concrete adhesion: ≥ 0.25 MPa.

**Form of delivery:**
Application:
- for performing thermal insulation systems in family housing, public and industrial buildings
- particularly recommended for buildings located in the vicinity of forests, parks, water reservoirs, seashore areas, industrial and urban agglomerations
- outdoor use

Product features:
- waterproof
- frost-proof
- universal
- elastic mortar
- high mechanical durability
- full colour palette
- eliminates thermal bridges
- vapor-permeable
- resistant to overgrowth
- high resistance to UV rays

Composition:
- LEPSTYR-W 230
- mechanical dowels
- 145 g/m² VERTEX reinforcing grid
- STYRLEP-W 240 / STYRLEP-B 225
- TYNKOLIT-SISI 333
- SISITYNK 040
- SISITYNK 040 C

Use:
- Colour: one of 380 colours + 120 colours from the California I colour palette
- Reaction to fire: A2 – s2; d0; fire-retardant
- Water absorbency after 24 hours (for all types of paint): < 0.5 kg/m²
- Vapor permeability: ≤ 1.0 (result acquired for maximum grain thickness of 3 mm: 0.3)
- Concrete adhesion: ≥ 0.25 MPa

Technical data:
- Colour: one of 380 colours
- Reaction to fire: A2 – s2; d0; fire-retardant
- Water absorbency after 24 hours (for all types of paint): < 0.5 kg/m²
- Vapor permeability: ≤ 1.0 (result acquired for maximum grain thickness of 3 mm: 0.3)
- Concrete adhesion: ≥ 0.25 MPa

Form of delivery:
# Thermal insulation systems

## TURBO-WG GARAGE SYSTEM

**Application:**
- for performing thermal insulation systems above non-heated rooms
- indoor and outdoor use

**Product features:**
- waterproof
- frost-proof
- eliminates thermal bridges
- vapor-permeable
- easy to make
- high fire resistance

**Composition:**
- LEPSTYR-WG 231
- TYNKOLIT G-SA 342
- PAINT 071

**Use:**
- resistance to frost defined by the condition of a sample following 25 deep-freezing and defrosting cycles: after the test, the samples should not display any changes
- fire classification in terms of inflammability: inflammable
- resistance to impacts: category III

**Technical data:**
- colour: depends on plaster type
- fire classification: fire-retardant
- mortar adhesion to Styrofoam: ≥ 0.08 MPa
- surface adhesion: ≥ 0.3 MPa

**Form of delivery:**

## TURBO-R SYSTEM-ON-SYSTEM on Styrofoam

**Application:**
- for performing additional thermal insulation layers in existing thermal insulation systems
- for modernized family housing, industrial, public buildings
- outdoor use

**Product features:**
- waterproof
- frost-proof
- many finishing options
- full colour palette

**Composition:**
- LEPSTYR 210
- mechanical dowels
- VERTEX reinforcing grid
- TYNKOLIT-T 330/ TYNKOLIT-SA 332/ TYNKOLIT-SISI 333
- POZTYNK-SZ 061/062/ ACRYL- TYNK 010/
- SILIKATYN 020/
- SILIKOTYN 030/
- SISITYNK 040/
- SILIKON PROTECT 031

**Use:**
- cement primer class: C40F6
- insulation – resistance to water under pressure: minimum 0.5 MPa
- tile oil class: C2TE, C2TE S1 or C2TE S2
- jointing grout class: CG2WA

## BALCONY-TERRACE SYSTEM

**Application:**
- for performing thermal insulation and ceramic lining on terraces and balconies
- for newly-built and renovated terraces and balconies
- for single- and multi-family housing buildings

**Product features:**
- complex terrace or balcony finishing system
- water-tight
- resistant to thermal stress
- durable
- compatible

**Composition:**
- POZJASTR 440
- GRUNTOLIT-W 301
- AQUASZCZEL 820
- KAMLEP PLUS 108
- NANOTECH JOINTING GROUT 730

**Use:**
- colour: depends on plaster type
- fire classification: fire-retardant
- mortar adhesion to Styrofoam: ≥ 0.08 MPa
- surface adhesion: ≥ 0.3 MPa

**Technical data:**
- cement primer class: C40F6
- insulation – resistance to water under pressure: minimum 0.5 MPa
- tile oil class: C2TE, C2TE S1 or C2TE S2
- jointing grout class: CG2WA

**Form of delivery:**

---

# Additional systems

**NEW !!!**

**Thermal insulation systems**
- for performing thermal insulation systems above non-heated rooms
- indoor and outdoor use

**Product features:**
- waterproof
- frost-proof
- eliminates thermal bridges
- vapor-permeable
- easy to make
- high fire resistance

**Composition:**
- LEPSTYR-WG 231
- TYNKOLIT G-SA 342
- PAINT 071

**Use:**
- resistance to frost defined by the condition of a sample following 25 deep-freezing and defrosting cycles: after the test, the samples should not display any changes
- fire classification in terms of inflammability: inflammable
- resistance to impacts: category III

**Technical data:**
- colour: depends on plaster type
- fire classification: fire-retardant
- mortar adhesion to Styrofoam: ≥ 0.08 MPa
- surface adhesion: ≥ 0.3 MPa

**Form of delivery:**

---

**Additional systems**

**NEW !!!**

**Thermal insulation systems**
- for performing additional thermal insulation layers in existing thermal insulation systems
- for modernized family housing, industrial, public buildings
- outdoor use

**Product features:**
- waterproof
- frost-proof
- many finishing options
- full colour palette

**Composition:**
- LEPSTYR 210
- mechanical dowels
- VERTEX reinforcing grid
- TYNKOLIT-T 330/ TYNKOLIT-SA 332/ TYNKOLIT-SISI 333
- POZTYNK-SZ 061/062/ ACRYL- TYNK 010/
- SILIKATYN 020/
- SILIKOTYN 030/
- SISITYNK 040/
- SILIKON PROTECT 031

**Use:**
- cement primer class: C40F6
- insulation – resistance to water under pressure: minimum 0.5 MPa
- tile oil class: C2TE, C2TE S1 or C2TE S2
- jointing grout class: CG2WA

**Technical data:**
- cement primer class: C40F6
- insulation – resistance to water under pressure: minimum 0.5 MPa
- tile oil class: C2TE, C2TE S1 or C2TE S2
- jointing grout class: CG2WA

**Form of delivery:**

---

---
### Additional systems

<table>
<thead>
<tr>
<th>ANTI-MOULD SYSTEM</th>
<th>KALETA-5 MACHINE-SPRAYING UNIT</th>
<th>KALETA-5 MACHINE-SPRAYING UNIT</th>
</tr>
</thead>
</table>
| **Application:**  | • for cleaning and renovating surfaces infected with aggressive biological overgrowth  
|                   | • for mineral plasters, concrete, thin-layer plasters, old paint coatings  
|                   | • indoor and outdoor use | • designed for machine-spraying application of gypsum, gypsum-lime, lime-cement plasters, and for performing self-leveling flooring mortars after changing the screw pump and the discharge pipe | • designed for machine-spraying application of gypsum, gypsum-lime, lime-cement plasters, and for performing self-leveling flooring mortars after changing the screw pump and the discharge pipe |
| **Product features:** | • complex wall and ceiling renovation system  
|                   | • very high effectiveness  
|                   | • resistant to re-overgrowth  
|                   | • compatible  
|                   | • safe to use | • length / width / height: 900 mm / 720 mm / 1500 mm  
|                   | • charge height: 900 mm  
|                   | • pump engine: 5.5 KW/400 rpm  
|                   | • basket engine: 1.1 KW/ 45 rpm  
|                   | • compressor HS-24: 300 l/minimum  
|                   | • water pump: 400 V | • length / width / height: 900 mm / 720 mm / 1500 mm  
|                   | • charge height: 900 mm  
|                   | • pump engine: 5.5 KW/400 rpm  
|                   | • basket engine: 1.1 KW/ 45 rpm  
|                   | • compressor LK-250: 250 l/minimum  
|                   | • water pump: 400 V |
| **Composition:**  | • SEPTOBUD 1008  
|                   | • GRUNTOLIT-SO 305  
|                   | • SILICONE PAINT 003 or  
|                   | • SISI PAINT 004 | |
| **Use:** |  | | |
| **Technical data:** | • consumption of the biocide – 0.2 ml/m²  
|                   | • soil consumption: 50-300 ml/m², depending on the absorbency of the groundwork  
|                   | • consumption of paint 150-300 ml/m² depending on the absorbency and structure of groundwork | • weight: 220 kg  
|                   | • charge basket capacity: 135 kg of the mix  
|                   | • production capacity: 6-60 l/minimum (depending on the type of mix and type of pump)  
|                   | • maximum pumping pressure: 30 bar  
|                   | • mortar spraying distance: 20 m (depending on the type of mix and type of pump) | • weight: 220 kg  
|                   | • charge basket capacity: 135 kg of the mix  
|                   | • production capacity: 6-60 l/minimum (depending on the type of mix and type of pump)  
|                   | • maximum pumping pressure: 30 bar  
|                   | • mortar spraying distance: 20 m (depending on the type of mix and type of pump) |
| **Form of delivery:** |  | | |
## Construction equipment

**M-TEC M300 MACHINE-SPRAYING UNIT**

<table>
<thead>
<tr>
<th>Application:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• universal machine-spraying unit designed for applying gypsum, gypsum-lime, lime-cement plasters</td>
</tr>
<tr>
<td>• may be filled with material out of sacks or a silo</td>
</tr>
<tr>
<td>• using proper accessories, the machine may mix and apply self-leveling flooring mortars, liquid screeds, specialist repair masses, thin-layer plasters, etc.</td>
</tr>
<tr>
<td>• available in a version with stepless control of pump engine rotation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product features:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• power supply 380 V</td>
</tr>
<tr>
<td>• minimal water pressure 2.5 bar</td>
</tr>
<tr>
<td>• dimensions: c. 1650×640×1470 mm</td>
</tr>
<tr>
<td>• weight: c. 270 kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Composition:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• the unit is sold in a set with 10 rm of material hose, a compressor, a spraying unit, a uni-star pump with basic accessories</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Use:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Technical data:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• production capacity: depending on the screw pump 6-47 l/min</td>
</tr>
<tr>
<td>• max pumping pressure: 30 bar</td>
</tr>
<tr>
<td>• mortar spraying distance: 50 m</td>
</tr>
<tr>
<td>• mortar spraying height: 30 m</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Form of delivery:</th>
</tr>
</thead>
</table>

**M-TEC m3E MACHINE-SPRAYING UNIT**

<table>
<thead>
<tr>
<th>Application:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• universal machine-spraying unit designed for applying cement-lime and gypsum plasters</td>
</tr>
<tr>
<td>• equipped with accessories allowing for its immediate use after being connected to power and water supply (mortar hose, air hose, compressor, screw pump, spraying unit)</td>
</tr>
<tr>
<td>• may be filled with material out of sacks or a silo</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product features:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• length / width / height: 1220 mm / 700 mm / 1550 mm</td>
</tr>
<tr>
<td>• charge height: 1000 mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Composition:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• the unit is sold in a set with 10 rm of material hose, a compressor, a spraying unit, a uni-star pump with basic accessories</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Use:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Technical data:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• weight: 220 kg (without accessories)</td>
</tr>
<tr>
<td>• production capacity: up to 50 l/ min (depending on the type of mix and type of pump)</td>
</tr>
<tr>
<td>• max pumping pressure: 30 bar</td>
</tr>
<tr>
<td>• mortar spraying distance: 40 m</td>
</tr>
<tr>
<td>• mortar spraying height: 20 m</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Form of delivery:</th>
</tr>
</thead>
</table>
Colour CHART

<table>
<thead>
<tr>
<th>A</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th>B</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A11</td>
<td>A12</td>
<td>A13</td>
<td>A14</td>
<td></td>
<td>B11</td>
<td>B12</td>
<td>B13</td>
<td>B14</td>
<td></td>
</tr>
<tr>
<td>A21</td>
<td>A22</td>
<td>A23</td>
<td>A24</td>
<td></td>
<td>B21</td>
<td>B22</td>
<td>B23</td>
<td>B24</td>
<td></td>
</tr>
<tr>
<td>A31</td>
<td>A32</td>
<td>A33</td>
<td>A34</td>
<td></td>
<td>B31</td>
<td>B32</td>
<td>B33</td>
<td>B34</td>
<td></td>
</tr>
<tr>
<td>A41</td>
<td>A42</td>
<td>A43</td>
<td>A44</td>
<td></td>
<td>B41</td>
<td>B42</td>
<td>B43</td>
<td>B44</td>
<td></td>
</tr>
<tr>
<td>A51</td>
<td>A52</td>
<td>A53</td>
<td>A54</td>
<td></td>
<td>B51</td>
<td>B52</td>
<td>B53</td>
<td>B54</td>
<td></td>
</tr>
<tr>
<td>A61</td>
<td>A62</td>
<td>A63</td>
<td>A64</td>
<td></td>
<td>B61</td>
<td>B62</td>
<td>B63</td>
<td>B64</td>
<td></td>
</tr>
<tr>
<td>A71</td>
<td>A72</td>
<td>A73</td>
<td>A74</td>
<td></td>
<td>B71</td>
<td>B72</td>
<td>B73</td>
<td>B74</td>
<td></td>
</tr>
<tr>
<td>A81</td>
<td>A82</td>
<td>A83</td>
<td>A84</td>
<td></td>
<td>B81</td>
<td>B82</td>
<td>B83</td>
<td>B84</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th>D</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>C11</td>
<td>C12</td>
<td>C13</td>
<td>C14</td>
<td></td>
<td>D11</td>
<td>D12</td>
<td>D13</td>
<td>D14</td>
<td></td>
</tr>
<tr>
<td>C21</td>
<td>C22</td>
<td>C23</td>
<td>C24</td>
<td></td>
<td>D21</td>
<td>D22</td>
<td>D23</td>
<td>D24</td>
<td></td>
</tr>
<tr>
<td>C31</td>
<td>C32</td>
<td>C33</td>
<td>C34</td>
<td></td>
<td>D31</td>
<td>D32</td>
<td>D33</td>
<td>D34</td>
<td></td>
</tr>
<tr>
<td>C41</td>
<td>C42</td>
<td>C43</td>
<td>C44</td>
<td></td>
<td>D41</td>
<td>D42</td>
<td>D43</td>
<td>D44</td>
<td></td>
</tr>
<tr>
<td>C51</td>
<td>C52</td>
<td>C53</td>
<td>C54</td>
<td></td>
<td>D51</td>
<td>D52</td>
<td>D53</td>
<td>D54</td>
<td></td>
</tr>
<tr>
<td>C61</td>
<td>C62</td>
<td>C63</td>
<td>C64</td>
<td></td>
<td>D61</td>
<td>D62</td>
<td>D63</td>
<td>D64</td>
<td></td>
</tr>
<tr>
<td>C71</td>
<td>C72</td>
<td>C73</td>
<td>C74</td>
<td></td>
<td>D71</td>
<td>D72</td>
<td>D73</td>
<td>D74</td>
<td></td>
</tr>
<tr>
<td>C81</td>
<td>C82</td>
<td>C83</td>
<td>C84</td>
<td></td>
<td>D81</td>
<td>D82</td>
<td>D83</td>
<td>D84</td>
<td></td>
</tr>
</tbody>
</table>
## TIPS AND DESCRIPTIONS OF SYMBOLS:

<table>
<thead>
<tr>
<th>Price group: I, II, III, IV</th>
<th>20081 The number of a colour</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>A</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic plaster</td>
<td>ACRYLIC PAINT 001</td>
</tr>
<tr>
<td>AKRYTYNK 010</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Silicate-silicone plaster</td>
</tr>
<tr>
<td>SISITYNK 040</td>
<td>LATEX PAINT 011</td>
</tr>
<tr>
<td></td>
<td>Plaster</td>
</tr>
<tr>
<td>SILIKON PROTECT 031</td>
<td>Colour PAINT 014 ACRYLIC</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicate plaster</td>
<td>Winter Silicate plaster</td>
</tr>
<tr>
<td>SILIKATYNK 020</td>
<td>SILIKATYNK 021</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SILICONE PAINT 003</td>
<td>NANOTECH PAINT 006</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SILICATE PAINT 002</td>
<td>SISI PAINT 004 Silicate-silicone</td>
</tr>
</tbody>
</table>
KREISEL - Technika Budowlana Sp. z o.o.

tel.: +48 61 846 79 63
fax.: +48 61 846 79 07
mob.: +48 502 417 952

e-mail.: export@kreisel.pl

Distributor in your country: