

TEXSALASTIC

Flexible two component waterproofing slurry

TEXSALASTIC is a ready-to-use, flexible, two-component slurry. It consists of component A: a special liquid synthetic resin dispersion and component B: powder, a blend of selected filling materials mixed with well-graded sands. A product with unique properties for efficient waterproofing.

ADVANTAGES

- The very fine synthetic dispersion endows the compound with excellent adhesion to concrete, natural and artificial stone, wood, steel, galvanized sheet metal, copper, asphalt, marble, plastic surfaces, glass etc.
- The high content of the dispersed synthetic resin particles results in high flexibility for a cement-based material and in the ability to bridge hairline cracks.
- Bridges larger cracks with the aid of reinforcement mat.
- Resistant to water pressure (positive and negative) and offers constant protection from water under pressure or not.
- Resistant to weathering in temperatures from -30oC to +90oC.
- Water vapor permeable.
- Thixotropic, does not flow on vertical surfaces.
- Does not contain chloride or other corrosive salts which cause blooming.



APPLICATION

TEXSALASTIC can be used, due to its special properties, for any kind of waterproofing:

- Waterproofing of new and old buildings
- Interior and exterior waterproofing
- Horizontal and vertical surfaces below and above the ground
- Waterproof coatings of potable water reservoirs
- Parking areas, garages and ramps
- Cesspools
- Fully accessible roofings, foundations, support walls
- Water pools, jardinieres
- Basements, tunnels, elevator shafts
- Resistant to UV rays.

REGULATIONS

The product is certified according to EN 1504-2 (Concrete Protection Systems), in categories 1.3-Ingress Protection (IP), 2.2-Moisture Control (MC) and 8.2-Increasing Resistivity (IR).

Liquid Waterproofing & Mortars Mortars

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INSTALLATION

SUBSTRATE CONDITION:

The surface application must be clean without any loose materials. The substrate should be slightly wet before the application but free of any water puddles. Substrate temperature must be between +5oC and +35oC.

MIXING:

Mixing ratio:

A (Liquid):B (powder) 1:2.6 w/w

The mixing ratio can reach up to 1:4 w/w. for application with spatula.

Pour about ¾ of component A (liquid) in an empty can.

Add slowly component B (powder).

Stir constantly and uninterruptedly with a low speed agitator until the mixture is fully homogeneous, without lumps.

Then, add the rest of the component A into the mixture and stir again.

APPLICATION:

Apply the well-mixed TEXSALASTIC slurry with brush or broom onto the prepared surface in 2-3 layers. Each consequent layer can be applied as soon as the preceding one is dry enough to be touched, i.e., tack-free (ca. 4-5 hours, depending on the ambient temperature).

ADDITIONAL INFORMATION:

- Each TEXSALASTIC layer should be protected after the application against heavy wind and intense sunlight. This way a homogeneous hardening and waterproofing are achieved.
- The thickness of every layer should be max 1 mm.
- The hardening time depends on the temperature conditions. The applied TEXSALASTIC is walkable after 1 day at 20oC. It can be mechanically strained after 3 days. After 7 days it reaches its full hardening and is ready to come into permanent contact with water.
- After the end of the works, wash all tools with plenty of water.



PRECAUTIONS

Volatile Organic Compounds (VOC)

EU REGULATION 2004/42: According to Directive 2004/42/EU (Annex II, Table A), the maximum allowed content of VOC (Product Category i / Type WB) is 140 g/L (limits of 2010) for the final product. The final TEXSALASTIC contains max <140 g/L.

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PACKAGING AND STORAGE

| | TEXSALASTIC Component A (liquid) | TEXSALASTIC Component B (powder) |
|------------------------|--|----------------------------------|
| Cans / sacks (kg) | 5 | 26 |
| Mixing ratio A : B (1) | 1 : 2.6 w/w | 1 : 2.6 w/w |
| Form | Liquid | Powder |
| Shading/Colors | White, Grey | White, Grey |
| Packaging | Container 10 Kg / Pallet 48 containers | Sack 26 Kg / Pallet 48 sacks |

Storage: Can be stored for at least 12 months from production date in the original pail, in a cool environment protected from frost and direct sunlight.

(1) 1:4 for application with spatula.

TECHNICAL PROPERTIES

| SPECIFICATION | UNIT | TEST NORM | TEXSALASTIC |
|---------------------------------|------------------------------------|-----------|--|
| Specific weight | kg/L | - | A: 1.04 ± 0.03 (23oC) |
| Bulk density | g/cm ³ | - | B: 1.20 ± 0.04 (23oC) |
| Viscosity | Cp | - | A: 1700-2200 (23oC) |
| Mixing ratio | - | - | A : B 1 : 2.6 w/w |
| Specific weight of mix | kg/L | - | 1.80 ± 0.05 (23oC) |
| Application temperature | °C | - | +5oC to +35oC |
| Pot life | h | - | 1.5-2 (20oC) |
| Recoating | h | - | 3-4 (20oC) |
| Walkability | day | - | 1 (20oC) |
| Embankment fill | day | - | 3 (20oC) |
| Full hardening | day | - | 7 (20oC) |
| Permeability to CO ₂ | m | EN 1062-6 | 60.7 |
| Water vapor permeability | m | EN 7783-1 | 4.3 (Class I) |
| Capillary water absorption | kg/m ² h ^{0.5} | EN 1062-3 | 0.01 kg/m ² h ^{0.5} |
| Adhesive strength | N/mm ² | EN 1542 | 3.88 N/mm ² |
| Characterization | | EN 1504-2 | Ingress Protection Moisture Control Increasing Resistivity |

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