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).

TEXSA SYSTEMS SLU reserves the right to modify the information contained herein without prior notice and declines all liability in cases of errors produced due to inappropriate use of the product. The values shown in the technical sheet are the mean values from tests in our lab.

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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 Comoponent 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/cm3	-	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	ºC	-	+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 CO2	m	EN 1062-6	60.7
Water vapor permeability	m	EN 7783-1	4.3 (Class I)
Capillary water absorption	kg/m2h0.5	EN 1062-3	0.01 kg/m2h0.5
Adhesive strength	N/mm2	EN 1542	3.88 N/mm2
Characterization		EN 1504-2	Ingress Protection Moisture Control Increasing Resistivity

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