
Waterproofing mortar for all concrete surfaces

DOMOSLURRY is a dry mix supplied ready for use, requiring only the addition of water. It is based on a particular blend of selected cements mixed with well graded quartz sand and active chemical constituents providing strong adhesion and high profile waterproofing.

Field of application

DOMOSLURRY is suitable for application on:

- Old and new constructions
- Interior spaces
- Horizontal or vertical surfaces below and above ground
- Garages, parking, ramps
- Foundation, supports, retaining walls
- Water pools, wells, pipes, jardinieres
- Basements, tunnels, elevator shafts

Advantages

- The optimal homogenous blend of the materials of DOMOSLURRY ensures maximum adhesion strength during application.
- Bridges capillary cracks with the use of reinforcement.
- Provides continuous protection against water.
- Easy to use.
- Water vapor permeable.
- Thixotropic.
- Does not contain chlorides which cause corrosion or detachment.

Method of use

Substrate condition:

All surfaces must be clean and free of loose particles. Wet the surfaces prior to application, but let it dry before applying the mortar, with no standing water. During the application of DOMOSLURRY, the substrate temperature must be between +5°C and +35°C.

Mixing

Mixing ratio:

DOMOSLURRY:WATER 3.8:1 w/w

Put the required dose of water in a clean pail (6.6 L/pail 25 kg) and then add DOMOSLURRY and mix with a low power mechanical mixer until a homogeneous mix is obtained. Let the mix sit for 5-10 minutes and stir again right before application. Do not add water in mix which already started to set.

Application:

DOMOSLURRY is applied on the prepared substrate by brush, spatula or spraying in 2 or 3 layers. Make sure each layer is sufficiently dry before applying the next one (after 5-6 hours depending on the conditions on site). In order to achieve perfect adhesion, do not exceed 24 hours between layers.

Additional information:

- For proper application, particular care to corners and coves is required.
- If you apply by trowel, it is recommended to apply the first layer by brush.
- In order to achieved better flexibility the required water can be replaced with WATER:DOMORESIN SP 1-2:1 w/w mixture.
- After the end of the operations wash all tools thoroughly with plenty of water.

Consumption

1.6-1.7 kg/m² for a layer of 1 mm thickness.

In the case of permanent subaqueous use, 3 layers are required.

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.

Packaging

Bags of 25 kg.

Colors

Available in grey.

Certificates

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).

Specifications

Form	Powder
Color	Grey
Bulk density	1.35 ± 0.04 g/cm ³ (23°C)
Mixing ratio	Domoslurry : Water 3.8 : 1 w/w
Specific weight of mix	1.65 ± 0.05 kg/L (23°C)
pH of mix	12
Application temperature	+5°C to +35°C
Pot life	1-1.5 hours (20°C)
Recoating	3-4 hours (20°C)
Walkability	1 day (20°C)
Embankment fill	3 days (20°C)
Full hardening	7 days (20°C)
Permeability to CO ₂ (EN 1062-6)	62.4 m
Water vapor permeability (EN ISO 7783)	0.7 m (Class I)
Capillary water absorption (EN 1062-3)	0.04 kg/m ² h ^{0.5}
Adhesive strength (EN 1542)	1.46 N/mm ²
Characterization EN 1504-2	Ingress Protection - Moisture Control - Increasing Resistivity

All the technical data stated in the present Technical Data Sheet are based on laboratory tests and the knowledge and experience of the company. Different conditions may apply at field applications that are beyond the control of the company. Therefore, the end user is ultimately responsible to make sure that the product is suitable for the application in question and to know the real conditions of the project.