

ELASTIC SANITARI

PRODUCT

Special cement, selected aggregates, resins, active components and additives.

DESCRIPTION

ELASTIC SANITARI is a flexible, waterproof, two-component mortar for correcting substrates with shrinkage cracks, whether concrete, mortar, wood, parquet, wooden flooring, plaster or self-leveling mortar. Resistant to positive pressure; waterproofing of concrete water tanks, including potable water. Waterproofing of showers, bathrooms, swimming pools... Waterproof coating for concrete surfaces exposed to the action of water and to chemical attack from external agents, such as salts, de-icing, chlorides, etc.



Apply 2 coats with an intermediate 80 g fiber mesh.

USES



- Exterior waterproofing.
- Repairs and waterproofs cracks.
- Suitable for substrates with small movements.
- Machine-sprayable.
- Resistant to sea water.
- Suitable for receiving paint or coating.

FIELD OF APPLICATION

OBSERVATIONS:

- Do not add any additive to the mortar; it already contains its own resin.
- On trafficked floors, the mortar must always be protected.
- Resistant to contact with aggressive water and sea water.

APPLICATIONS:

- Waterproofing of walls and concrete structures subject to cracking.
- Waterproofing of showers, bathrooms and swimming pools prior to laying the ceramic tiling.
- Withstands even high negative pressures.
- Refurbishment of terraces and balconies, as well as terrace overhangs, flat roofs and cornices outdoors and exposed to significant thermal changes.
- In general, it is a protective and waterproof coating for surfaces exposed to the action of water and to chemical attack from external agents such as de-icing salts, sulfates, chlorides...

PERMITTED SUBSTRATES:

- Concrete, precast concrete, renders, ceramic...

WORKING CHARACTERISTICS:

Resting time after mixing:	5 min.
Pot life:	approximately 1 hour
Application thickness per coat:	2 mm minimum
Start of setting:	4 hours
Waiting time between coats:	4 hours
Wait before filling the tank:	> 28 days
Coating - paint:	> 6 days

**These times may vary considerably depending on the ambient temperature.*

APPLICATION RECOMMENDATIONS:

- Application temperatures **between 5 and 30 °C**.
- Do not apply if there is a risk of rain, frost...
- In hot weather, do not apply in full sun.
- Place the fiberglass mesh between the first and second coats on terraces and cracked walls.
- **Minimum final thickness of 3-4 mm** at all points.

This information reflects the current state of our knowledge and provides information about our products and their possible applications. Its purpose is therefore not to guarantee specific properties of the products or their suitability for a particular application. Any existing industrial property rights must be respected. Quality control parameters will be detailed in the specification sheet of each product.

SPECIFIC PRECAUTIONS

This product contains cement. Avoid contact with eyes and skin, and inhalation of dust.

Wear **rubber gloves and protective goggles**.

Keep out of the reach of children.

Empty containers must be disposed of in accordance with current legislation.

CHARACTERISTICS

COMPONENT A

Bulk density:	1.3 g/cm ³
Paste density:	1.6 g/cm ³
Compressive strength:	> 20 N/mm ²
Pot life:	60 minutes
Application thickness:	2 mm per coat
Start of setting:	4 hours
Waiting time between coats:	4-5 hours
Wait before filling the tank:	≥ 28 days
Coating – paint:	> 6 days
Apply at temperatures:	between 10 and 30 °C
Do not apply if there is a risk of rain or strong wind	
Tensile adhesion:	≥ 1.5 MPa
Dilution index:	≤ 3
Dilution odor:	≤ 3
Conductivity:	325 µS/cm

Tensile properties

Strength 1:	1.6 MPa
Elongation:	65 %

COMPONENT B

Density:	1.09 kg/l at 25 °C
pH:	8.4
Viscosity (25 °C):	1500-2000
Flash point:	None

STORAGE

12 months from the date of manufacture, in original closed packaging, protected from the weather and humidity.

PACKAGING

Component A:

Paper bags of 20 kg

Pallets of 48 bags

Component B: 5-liter drum

MIXING AND APPLICATION



1.- In a clean container, pour Component "B" (1 part of ELASTIC RESIN from a 5 l pack) and add the same proportion of water, then gradually add Component "A" (solid part, 20 kg). Using a low-speed mechanical stirrer (300 to 500 r.p.m.), mix for approx. 3 min.



Apply with a trowel or brush at maximum thicknesses of 2 mm per coat. Place the appropriate mesh in the middle of the coating. *Suitable for machine spraying.



At the edges, overlap the mesh by at least 15 cm.

APPLICATION CONDITIONS

- Substrates must be sound, clean, and free of laitance and release agents.
- If necessary, wash with pressurized water or sandblast to ensure perfect adhesion.
- Substrates must have good flatness, with no cracks or irregular areas.
- Repair all damaged areas (holes, honeycombing...) with repair mortar.
- Treat singular points with the appropriate mesh.
- Dampen the substrate before application.

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