CEPSA
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PROMULSIT ELASTIC

Emulsion for high performance waterproofing solutions

Waterproofing bituminous anionic emulsion EA UNE 104231 type. Manufactured with polymer modified bitumen (Elaster), Promulsit Elastic shows high adhesion to surfaces and forms a continuous elastic and waterproof film.

PROPERTIES

- Easy to apply.
- Easy to handle.
- Excellent adherence to substrates.
- High elasticity (even at low temperature).
- Low thermal sensitivity.
- Resistant to alkalinity of cement.
- Low water vapor permeability.
- VOCs free.

APPLICATIONS

- Damping protection for walls, foundations, terraces, roofs and a wide variety of surfaces.
- Suitable for newly built and refurbished surfaces.
- Damping protection of bridges, where it can be combined with a geotextile.
- Barrier towards water vapor of thermal insulation systems.
- Protection of pipes and water reservoirs not intended for human consumption.

INSTRUCTIONS FOR USE

- Promulsit should be applied on clean surfaces. Presence of dust, oil, lime or any other pollutant may reduce adherence and detriment Promulsit's properties. For an optimum performance of the product follow the next steps:
  - Mix the emulsion vigorously in the container before applying it.
  - Use as primer a 50% solution of Promulsit Elastic in water (diluted Promulsit or Newprimer may also be used). Let it dry completely before applying the product.
  - Apply uniform layers of neat Promulsit, using a trowel, roller or any other suitable instrument. It can be combined with a geotextile.
  - Let each layer dry completely before applying the next one (about 24 hours depending on the environmental humidity and ambient temperature).

SYSTEM'S STRUCTURE AND DOSSAGE

- Primer: One single layer of diluted Promulsit Alastic (50% of Promulsit Elastic in water). Average dosage: 0,3 kg/m2 aprox.
- Waterproofing: Two crossed layers of neat Promulsit. Dosage: 1,5 kg/m^2 per layer aprox.
- Finishing: Defined by the specific application (asphalt, concrete, asphaltic textiles, etc.).

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SPECIFICATIONS

Characteristics	Unit	Standard	Min.	Max.
Properties of the emulsion				
Brookfield viscosity at 25ºC	mPa•s	NIE-008	500	--
Particles electric charge		UNE-EN 1430	Negative	60
Water content (volume)	%	UNE-EN 1428	30	36
VOCs content	g/l	ASTM D2369	--	30
Softening point	ºC	UNE-EN 1427	45	--
Elastic recovery at 25ºC	%	UNE-EN 13398	35	--

STORAGE

- The containers should be protected from both frost and overexposure to the sun.
- Storage temperatures should not be below 5ºC since it could affect the quality of the product.
- Close tightly the containers after using to prevent evaporation of water.
- The maximum recommended storage time is 9 months from the manufacturing date. The product should be kept in it's the original undamaged container and tightly closed.

OTHER RECOMMENDATIONS

- The product should be applied at temperatures between 10ºC - 35ºC, avoiding unstable weather conditions.
- For Promulsit application indoors, the place should be well ventilated to favor correct curing.
- Promulsit is not suitable for applications in contact with solvents or fuels.
- The treated surface should be protected against direct sunlight.
- For cleaning tools and equipment, water can be used before the product dries. After that, they can be cleaned with any industrial solvent.