



TECHNICAL DATA SHEET
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BITUMAX VULKANO

BITUMINOUS MEMBRANE

One-component polyurethane membrane-bituminous waterproofing.

BITUMAX VULKANO is a liquid membrane based on polyurethane resins, water and bitumen emulsion. The product, vulcanizing rapidly in air humidity contact, it produces a very tenacious elastic film, exceptionally adhesive with remarkable properties of chemical and mechanical resistance

Composition

BITUMAX VULKANO is a formula consisting of special hydraulic binders, synthetic resins, aggregates selected and gauged according to specific grading curve, organic pigments and specific additives that improve the product in terms of workability, adhesion, water absorption and resistance.

Mixing and application

BITUMAX VULKANO is ready for use. The surface must be free of any rust, clean, dry and free of grease. Stir slowly the product packaging, letting it rest for a few minutes. For preparation of the substrate is required the application of BITUPRIMER with a consumption of Kg. of product to approximately 0,350 square meters. To apply BITUMAX VULKANO a short-haired roller, brush or AIRLESS on perfectly clean and dry substrates. Immediately after the application will be appropriate to deal with the still fresh surface with a spiked roller. The particular formulation of BITUMAX VULKANO allows the realization of a waterproof membrane, also in a single step (Recommended however are always two, especially in the presence of strong irradiation), using up to Kg. 1.5 - 2 of product per sqm., interposing a low grammage TNT (Gr. 60-80). The dried film is highly resistant to UV rays and can be left exposed; can still be coated, after the fully cured (at least 7 days.) with a hand of BITUMAX VULKANO applied by roller, brush or spray. The tool cleaning writing may be performed using clean water until the product has dried.



Recommendations

BITUMAX VULKANO does not contain solvents. Store the original packaging in a cool, dry place. Apply the product on surfaces perfectly clean and dry. Do not discard the unused product in sewers. Keep away from frost

Chemical characteristics

Chemical properties	Water based polyurethane resin and bituminous emulsion
Colour	Black and Grey
Dry bulk density	1,2 ± 2% cr/ml (EN ISO 2811-1)
Solid content	80% ± 2%
Tack time	Approx 120 min.
Dry time	24 hours for 1,5 mm thickness
Overpaint	After 7 days (25° C)
Elasticity	200% (DIN 53504)
Flexibility	-20° C
Shore A	50
Application temperature	+5° C up to 40° C
Operating temperature	-20° C up to 80° C
Allowed dilution	up to 5% with demineralized or distilled water
Leed	approved
Release of dangerous substances	See MSDS
Shelf life	12 months from production date in its original packaging (unopened container) between 5° and 30° C in a cool dry place.
* indicative values, depending on the nature of the material and environmental conditions	



Coverage
1,5 kg for 2 m²



Storage
12 months in original intact packaging and stored in a dry place.



Packing
Drums of 10 kg and 20 kg

Safety procedures

As far as the proper working procedures is concerned, we recommend to consult Material Safety Data Sheets issued according to E.U. rules and to follow your national laws concerning safety in the working place. MSDS is available on our web site www.primaxbuild.it

Trademark and Origin of the good

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