

GUAMARC TT100

WATERPROOFING LIQUID MEMBRANE FOR OUTDOOR

Series 437

DESCRIPTION

GUAMARC TT100 is a single-component colored liquid membrane waterproofing for outdoor.

Ready to use, once dried it creates a continuous and waterproofing membrane, resistant to UV, atmospheric agents and stagnant water.

The synthetic resins in aqueous dispersion that compose it give the film GUAMARC TT100 a high elasticity, able to resist to any expansion of the support.

GUAMARC TT100 is ideal in treating horizontal, inclined or vertical surfaces such as flat roofs, old bituminous surfaces, terraces, balconies and cornices.

It guarantees the walkability necessary for normal maintenance.

INSTRUCTIONS FOR USE

It may be applied on:

- concrete
- fibrate cement
- bituminous sheath
- cementitious screeds

TECHNICAL SPECIFICATIONS

- Type of Binder: elastomeric synthetic polymers in aqueous dispersion
- Solvent: water
- Specific gravity per UNI EN ISO 2811-1: 1.35 ± 0.10 kg/l
- Viscosity per UNI 8902: $100,000 \pm 10,000$ cps at 25 °C (Brookfield viscometer)
- Percentage elongation to crack DIN 53504: >300%
- Drying time (at 25 °C and 65% RH): complete in depth after about 48 hours (it may vary depending on the thickness), recoatable after about 12-16 hours.

PREPARING THE SURFACE

Concrete and cement screeds:

- Make sure that the surface is completely dry and fully matured.
- Check the conditions. The surface must be consistent and must not tend to crumble. If not, resurface or consolidate using specific products.
- Level any surface imperfection. Holes, cracks, crevices and depressions can be treated with cement-based products.
- Remove any dust, smog or other by brushing or washing.
- If mold is present, treat the surface with the cleanser COMBAT 222 code 4810222 (making sure to rinse thoroughly with water after use) and with the action agent COMBAT 333 4810333.
- Check the status of any previous paintings. Any part not perfectly bonded must be removed.
- If the surface is dry apply a layer of solvent-based wall fixative ISOMARC 4410111.
- Apply at least two coats of GUAMARC TT100 making sure to get a consumption of about 1-1.2 l/sqm in the finished work.

Bituminous surfaces:

- Check the condition. Make any reinstatement on localized damages.
- Remove any dust, smog and by brushing or washing.
- If mold is present, treat the surface with the cleanser COMBAT 222 code 4810222 (making sure to rinse thoroughly with water after use) and with the action agent COMBAT 333 code 4810333.
- Check the status of any previous paintings. Any part not perfectly bonded must be removed.
- If the surface is dry apply a layer of solvent-based wall fixative ISOMARC 4410111.
- Apply at least two coats of GUAMARC TT100 making sure to get a consumption of about 0.6-0.8 l/sqm finished work.

APPLICATION INSTRUCTIONS

- Air and support surface conditions:
Air temperature: Min. +8 °C / Max. +35 °C
Relative environmental humidity: <75%
Support surface temperature: Min. +5 °C / Max. +35 °C
Moisture level of the support surface: <4%
- Tools: brush, long-hair roller, airless.
- Dilution: ready to use.
- Number of coats: at least 2.
- Indicative spreading in two coats:
1-1.2 l/sqm on concrete
0.6-0.8 l/sqm on bituminous surfaces
The spreading rates may vary depending on the condition of the support.
- Clean the tools with water immediately after use.
- Observe the drying time before overcoating.
- Limitations of use:
 - The moisture content of the substrate must be less than 4%
 - Do not apply on substrates subject to rising damp.
 - Do not apply in the presence of surface condensation.
 - Do not apply if rain is imminent. After application, the exterior surfaces must be protected from rain and humidity until complete the drying of the product, which normally (at 20 °C) takes about 48 hours.
 - Do not apply to newly built bitumen or asphalt to prevent the release of oils or plasticizers.
 - Any joints should be treated separately and before the waterproofing .

TINTING

The product is available in white, red and gray.
The white base can be tinted with the universal colorants of the Marcromie Color Matching System.

STORAGE

Maximum temperature for storage stability: +30 °C
Minimum temperature for storage stability: +5 °C
The product should be preferably used within 2 years from date of manufacture when stored in original unopened containers and in appropriate temperature conditions.

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SAFETY RULES

Limit value EU (Dir. 2004/42/EC)

Cat. A/i: One-pack performance coatings (water-base): 140 g/l (2010)

GUAMARC TT100 Contains max: 140 g/l VOC

Use the product in accordance with the hygiene and safety regulations in force; avoid litter with the containers, allow the remains to dry well and treat as special waste. Keep out of the reach of children. Use in an airy place.

For further information consult the safety data sheet.

SPECIFICATION ITEM

Waterproofing liquid membrane for outdoor.

Application, on previously prepared surfaces, of one-component colored liquid sheath GUAMARC TT100 series 437, based on synthetic polymers in aqueous dispersion, in at least two coats according to the necessary quantities.

Supply and installation of material euro per sq.m.

SAN MARCO GROUP guarantees that the information herein is provided to the best of its technical and scientific knowledge and based on its experience; nonetheless, the company may not be held liable for the results obtained using these products, as application conditions are beyond its control. It is recommended to always make sure that the product is suited to each specific instance. The present sheet voids and replaces any previously existing sheets. For further technical information call the technical service +39 041 4569322.