MORCEM® DRY PU BARNIZ U.V.

DESCRIPTION

MORCEMDRY PU UV Varnish is a bi-component aliphatic polyurethane elastic render with solvent.
It provides UV resistant, elastic, protective films with high resistance to industrial, polluting atmospheres

ADVANTAGES AND USES

- Resistant to UV rays.
- Great adherence
- Chemical Resistance to Low Concentration Acids, Alkalis, and Industrial Atmospheres
- It is formulated to be applied in the following fields:
- As a final coat in exterior sealing treatments using polyurethane resins on concrete or mortar substrates, such as dams, channels, tanks, decanters, etc.
- As metallic elements coatings, on pipes, structures, etc.
- For sealing and protection of sealants in expansion joints, construction, etc.
- Coating of floors and walls of chambers, laboratories, rooms, etc. Subjected to radiation for asepsis.

SUITABLE SUBSTRATES

The surface must be clean, free of dust, greases and loose particles. It is advised to carry out a drip with sand or pressurized water (200 atm), which can sometimes be substituted by a mechanical or manual brushing, etc.
It must be applied on top of Morcemdry PU system

APPLICATION PROCEDURE

- Before mixing components A and B, shake component A by mechanic means at very low speed. (< 600 rpm).
- Immediately after pour component B on top of component A and keep moving the mixture for 3-4 minutes more until getting a homogeneous mixture. The ratio of the mixture is A / B = 81 / 19
- This product is generally applied using a roller or paint brush, it may also be applied by spraying.

RECOMMENDATIONS

- Cleaning of the tools will be carried out with solvents immediately after being used.
- Consult with the Technical Department for any application not specified in this Technical Data Sheet.
- For any information regarding safety in handling, transportation, storage, and use of the product, please refer to the label and the updated version of the product's Safety Data Sheet.

PACKAGING AND STORAGE

The Morcemdry PU UV Varnish is supplied in batches of two components (A+B):

Component A: 12 kg container.

Component B: 3 kg container

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TECHNICAL DATA

Colour	Red / Grey / RAL colours to be specified
Specific weight	1.2 +/- 0,1 gr./cm³
Solid content	> 65 %
Pot – Life 20 º C	24 hours
Dry to touch at 20ºC	2 - 3 hours
Accessible to walk	24 hours
Time between coats	Previous layer dry minimum - 96 hours maximum
Average consumption	200 gr./m²
Average thickness	100– 150 microns
Adherence to concrete	> 25 kg/cm² (>own cohesion)
Adherence to primer	Primer on substrate
Taber abrasion (1000 cycles)	< 0.96 gr
Water absorption (% in weight 6 days)	< 0.6
Tear resistance	30 Nw

LEGAL DISCLAIMER

Instructions given on how to use the product are given based on our tests and knowledge and do not imply any commitment from GRUPO PUMA and do not exempt the user from checking and verifying the products before using them. Claims must be presented with the original packaging to allow an adequate traceability.

GRUPO PUMA is not responsible, under any circumstances, for the application of its products or constructive solutions by the applicator company or other subjects involved in the application and / or execution of the work in question, limiting the responsibility of GRUPO PUMA exclusively to possible damages attributable directly and exclusively to the products supplied, individual or integrated into systems, due to failures in their manufacture.

In any case, the creator of the work project, the technical management or person in charge, or subsidiarity the application company or other possible people involved in the application and / or execution of the work in question, must ensure the suitability of the products. Taking always into account the substrates and any possible pathologies that may occur in the workplace itself.

The values of the GRUPO PUMA products or construction solutions, mentioned in the UNE norm or in any other, exclusively refer to the stipulated conditions. They all refer to specific characteristics on the substrates (humidity, temperature, etc.) without being required for tests obtained under different conditions

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