

MORCEM® DRY PU



DESCRIPTION

MORCEMDRY PU UV Varnish is an elastic two-component aliphatic polyurethane coating with solvents. It provides resistant and elastic protective films against ultraviolet rays. In addition to that, these films are elastic and also offer great resistance against industrial environments and other pollutants.

ADVANTAGES AND USES

- Resistant against UV rays
- Great adherence
- Chemical resistance to low concentration acids, alkalis and industrial environments.
- Suitable to be applied as:
 - Final layer in external sealing treatments using polyurethane resins on concrete or mortar substrates such as dams, channels, deposits, decanters, etc.
 - Coating for metallic elements such as pipelines, structures, etc.
 - Sealing and protection of putty in expansion joints, construction, etc.
 - Coating for floors and walls of chambers, laboratories, rooms, etc., subjected to aseptic radiation

SUITABLE SUBSTRATES

The surface must be free from dust, grease or spare particles. A sandblasting or a pressurized water (200 atm) application is recommended.

This can also be substituted sometimes by a mechanic brushing of the area or a manual brushing by means of a metallic teeth, etc. Morcem Dry PU Varnish U.V. is to be applied over the Morcemdry Pu system.

APPLICATION PROCEDURE

- Before mixing components A and B, shake component A by using a mechanical shaker at low revs. (< 600 rpm).
- Later, pour component B on top of component A and keep stirring the mixture for 3 - 4 minutes until getting a homogeneous dough.
- The ratio of the mixture A/B = 81/19
- This product is generally applied using a roller or paint brush, but it may also be projected.

RECOMMENDATIONS

- Cleaning of the tools will be carried out with solvents immediately after being used.
- Please, consult our technical department if you have any further request regarding any kind of application which has not been specified on this Technical Data Sheet.
- For any information regarding the safe handling, transportation, storage and use of the product, check the product label and the updated version of the product's Safety Data Sheet.

PACKAGING AND STORAGE

Morcemdry Pu Varnish U.V is supplied in two - Components lots (A+B):

- Component A: 12 kg container
- Component B: 3 kg container

CONCRETE REPAIR

MORCEM® DRY PU

TECHNICAL DATA

Properties	Value
Colour	Red/ Grey/ Ral color under request
Specific weight	1.2 +/- 0,1 g/cm ³
Solids content	>65 %
Pot – life 20°C	24 hours
Dry touch at 20°C	2-3 hours
Walkable	24 hours
Time between layers application	Previous layer must be dry- 96 hours maximum.
Average consumption	200 gr/m ²
Average thickness	100 - 150 microns
Adherence to concrete	> 25 kg/cm ² (>own cohesion)
Adherence to primer	>Primer on substrate
Taber abrasion (1000 cycles)	< 0.96 gr
Water absorption (weight % in 6 days)	< 0.6
Tearing resistance	30 Nw

LEGAL DISCLAIMER

The instructions for use are given according to our tests and knowledge and do not imply any commitment by GRUPO PUMA nor free the consumer from the examination and verification of the products for their correct use. Claims must be accompanied by the original packaging to allow a proper traceability.

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