



MORCEM® ELASTIC PM BARNIZ U.V

VARNISH MORCEM® ELASTIC PM U.V.

DESCRIPTION

Morcem Elastic PM Varnish U.V. is a one-component, pigmented, aliphatic varnish which is UVA stable, highly elastic, applied and dried cold and used to protect polyurethane membranes. It dries by reacting with the floor and air humidity. It protects effectively, especially if it is given a dark finish. Used on Morcem Elastic PM on surfaces with light pedestrian traffic which require a glossy finish with stable color which does not yellow.

TECHNICAL CARACTERISTICS

Aliphatic and pigmented polyurethane prepolymer. Solvent base.

ADVANTAGES AND USES

- Easy application (roller or airless sprayer).
- Stable color.
- Glossy finish which is easy to clean.
- Does not yellow like aromatic polyurethane.
- Water resistant.
- Resistant to frost.
- Maintains its mechanical properties at temperatures between -30°C and +90°C.
- The waterproof surface can be travelled on by people.
- Finishing varnish in the waterproofing of covers.

SUITABLE SUBSTRATES

- Good surface preparation is essential to get the best, long-lasting finish.
- The surface must be clean, dry and free of any type of contamination and factors that may affect the adhesion of the membrane.
- The maximum moisture content must not exceed 5%.

WARNING: Do not clean the surface with water.

APPLICATION PROCEDURE

- Stir well before using.
- Apply Morcem Elastic PM Varnish U.V. on Morcem Elastic PM with a roller or airless sprayer in two coats.
- Leave to dry for 3 to 6 hours (not more than 8 hours) between the two coats.
- For best results, the temperature during the application should be between 5°C and 35°C.
- Low temperatures may affect the drying time.
- Excessive humidity may affect the final result.

RECOMMENDATIONS

- The product should be protected from humidity and direct sunlight.
- The storage temperature should be between 5°C and 35°C.
- The products should remain in their original, unopened packaging, keeping the name of the manufacturer, the name of the product, the batch number and the safety measures specified on the label.
- Morcem Elastic Varnish U.V. contains isocyanates.
- See the Safety Datasheet.

PACKAGING AND STORAGE

WATERPROOFING MORTARS

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TECHNICAL DATA

Morcem Elastic PM Varnish U.V. is supplied in tubs of 10 kg. The product should be stored in a cool, dry place for up to 9 months.

Colors	White, grey, red and green. Other colors on request.
Resistance to water pressure (DIN EN 1928)	Does not leak
Elongation at break point (DIN EN ISO 527)	289%
Tensile strength (DIN EN ISO 527)	3.72 N/mm ²
Elongation at breakpoint after 2000 hours of accelerated aging (DIN EN ISO 4892-3, 400 MJ/m ²) (DIN EN ISO 527)	372%
Tensile strength after 2000 hours of accelerated aging (DIN EN ISO 4892-3, 400 MJ/m ²) (DIN EN ISO 527)	2.68 N/mm ²
Gloss after 2000 hours of accelerated aging (DIN EN ISO 4892-3, 400 MJ/m ²) (DIN 67530)	Good
Whitening of the surface after 2000 hours of accelerated aging (DIN EN ISO 4892-3, 400 MJ/m ²) (DIN EN ISO 4628-6)	Not observed 0 degree
Application temperature (Conditions: 20°C, 50% RH)	5°C to 35°C
Tack free time (Conditions: 20°C, 50% RH)	1-3 hours
Light traffic (Conditions: 20°C, 50% RH)	12 hours
Final drying time (Conditions: 20°C, 50% RH)	7 days

Yield 120-250 g/m² in one or two coats*

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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