

IDEAL PU 78 SUPER MATT

Two-component transparent polyurethane coating, super matt look.

DESCRIPTION

IDEAL PU 78 SUPER MATT is a two-component, superior, chemically resistant, solvent based polyurethane floor coating system. New formulation: it does not require any dilution.

CHARACTERISTICS

- Hard film, moderate flexibility.
- Excellent adhesion.
- Good mechanical resistance to wear and scratch.
- Excellent colour stability over time to ultraviolet rays and weathering agents.
- Good resistance to chemicals, saline solutions (sodium chloride as antifreeze agent), fuels and lubricating oils.

FIELDS OF USE

IDEAL PU 78 SUPER MATT is used as a protective coating for:

- Industrial and decorative concrete floors (with IDEAL WATER primer).
- Microtopping and other cement toppings.
- Decorative epoxy floors.
- Synthetic resin floors (self-levelling).

TECHNICAL SPECIFICATIONS

Colour	transparent
Specific weight	approx. 1.0 kg/L \pm 5%
Curing at + 20 °C	
- Touch dry	120/180 minutes
- Step with care	48 hours
- Complete curing	7 days
Abrasion Resistance	ASTM D4060 Mola CS10, 1000 grams, 1000 rounds < 25g

MIXING

Use ratio in weight:

Comp. A	Comp. B
100 parts	+ 50 parts

Mix catalyst "B" and component "A" thoroughly using the utmost care to remove any unmixed product from the sides and base of the container.

On very close and smooth substrate, it is recommended to dilute the first coat of product with 5% of polyurethane solvent X-100.

Working time: 30 minutes at 20° on standard package.

APPLICATION

Apply IDEAL PU 78 SUPER MATT on sound, compact and cured surfaces which are dry, clean and free from oil and grease. Do not apply IDEAL PU 78 SUPER MATT if rain is expected.

IMPORTANT: Do not apply IDEAL PU 78 SUPER MATT when the substrate temperature is lower than +10°C or higher than +28°C and the Relative Humidity is more than 70%. In the event of too high a humidity level, the product may have drying problems.

In order to obtain a closed and tight coat, IDEAL PU 78 SUPER MATT is best applied by brush and airless spraying (nozzle diameters 0.015-0.017"). Where there is no strict technical requirement, IDEAL PU 78 SUPER MATT can be applied by roller using a short-pile Mohair roller sleeve.

The second coat must be applied when the first coat is completely dry, after 6-12 hours. If a second coat is applied after more than 48 hours, the surface must be fully sanded with an abrasive paper disc (180-220 grit) for better adhesion.

COVERAGE

Varies with substrate absorption.

Approximately 100-130 g/m² (total consumption in 2 coats)

To create a strong and resistant film, it is strongly recommend to apply IDEAL PU 78 SUPER MATT in successive thin coats. Do not apply thick coats.

PACKAGING AND STORAGE

A+B = 7,5 kg. or 1 kg

Sensitive to humidity: Once poured, this product should not be put back into its original container. It can be stored for at least one year in its original sealed containers.

NOTICE

Avoid skin and eye contact; it is harmful if inhaled or swallowed. This product contains flammable solvents; do not smoke during application, do not expose to open flame or heat sources. For applications in closed areas, provide appropriate ventilation. Product residues and empty containers are to be disposed of in compliance with the local rules in force.

IMPORTANT:

All the information contained in this sheet is based on the best practical and laboratory applications. It is the customer's responsibility to check the product is suitable for the intended use. The manufacturer declines any responsibility for wrongful application. It is recommended to carry out tests on small areas before application. This document replaces and cancels any previous version. The data contained can be changed at any time. Ideal Work products are for professional use only, the company organizes periodical training of its customers on demand. Anyone who uses these products without qualification does so at their own risk

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