

TECHNICAL DATA SHEET

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FINISOL MATT

Solventborne transparent aliphatic polyurethane coating

(A+B)

Description

Matt transparent solventborne product, based on aliphatic polyurethane resins, added with silica and mat waxes.

It resists to:

- UV rays
- Acid stains
- Action of several different acids

FINISOL MATT forms a film with good resistance to abrasion and scratches.

Usages

Coating of concrete substrates.
Top Coating for resin coverings.

Substrates

The substrate must have a minimum resistance to compression of 25 N/mm² and to traction of 1,5 N/mm².

Preparation of the substrate

- Concrete substrates have to be solid, absorbent, leveled, not polluted by oils, dust or any other substances. Abrase or shot-blasting.
- On tiles after mechanical treatment is necessary to apply a coat of FINIWATER TOP with consumption of 0,12 kg/m².



N.B.: As top-coating of resin coverings before applying the new product, check the over-coat time of the already existing coating.

Application

Put the 2 components (A+B) in one container and mix them with a drill mixer for at least 1 minute.

Apply it by roller.

In order to have an anti-slip surface, add 3-5% of glass microspheres.

N.B: Do not apply the product by brush as the final film will be more glossy than the one obtained by the roller application.

WARNINGS: the product is solventborne, therefore use personal protection of the respiratory tract by using active carbons masks.

Technical Data

Color		Transparent
Density	at 25°C	1,10 +/- 0,05 g/ml
Solid content		60% in weight
Viscosity	at 25°C	200-400
Pot-life	at 35°C	> 25 minutes
	at 25°C	40 minutes
	at 10°C	> 60 minutes
Tack free time	at 35°C	6-8 hours
	at 25°C	12-14 hours
	at 10°C	20-24 hours
Walk-on time	at 25°C	24 hours
Overcoat	at 25°C	min. 12 hours and max. 36 hours
Consumption		0,12-0,18 kg/sqm
Mixture ratio in weight		A=100 B=25
Mixture ratio in volume		A=100 B=23
Gloss (85° - DIN 67530)		10-20
Application conditions (*)		Temperatures between 10°C and 35°C and U.R. < 60%
Solvent to clean the tools		Solvent UNI
Storage		12 months. Keep it in a dry place at a temperature between 5°C and 30°C. Product B is sensible to the humidity of the air
Resistance to abrasion (TABER		< 50 mg
Grinde CS-17-1000 rounds – 1000 g in weight)		UNI 8298-9

(*) **FINISOL MATT** have to be applied at a substrate temperature of at least 3°C higher than the dew point.