

FINIWATER MATT

Transparent waterborne polyurethane coating (A+B)

Description

2 components product based on a polyurethane dispersion with hydrophilic aliphatic poly-isocyanate.

The film characteristics:

- Excellent adhesion on several types of materials
- Excellent mechanical properties
- Good resistance to abrasion
- Discreet resistance to solvents
- Good resistance to atmospheric agents
- Good resistance to ethylic alcohol
- Cloudy appearance

Uses

Top Coating for resinous coverings with a very good surface finish (less dust adherence).

Preparation of the substrate

- The substrate has to be cleaned, degreased and old paints or coatings not properly adhered have to be removed.
- Abrase the surface to facilitate the adhesion.
- If applied as top-coating of resin covering, before applying it please check the over-coating time of the already existing coating.
- On absorbing substrates apply one layer of **FINIWATER TOP** with a consumption of 0,150-0,20 Kg/sqm.



Application

Put the 2 components in a container and mix them carefully with a drill mixer.

Apply by short haired roller with a consumption of 0,10 kg/sqm.

Do not apply too much thick films: it would create a delay in forming the final characteristics of the film, as in depth cure and water resistance may vary.

Technical Data

Colour		Transparent
Density	at 25°C	1,00-1,05 g/ml
Solid contents		45% in weight
Viscosity	at 25°C	300 +/- 60 mPascal
Pot-life	at 30°C	> 1 hour and 20 minutes
	at 25°C	2 hours
	at 10°C	> 3 hours
Tack free time	at 30°C and 50% U.R.	20-30 minutes
	at 25°C and 50% U.R.	40-50 minutes
	at 10°C and 50% U.R.	60-70 minutes
Over-coating	at 25°C and 50% U.R.	min. 2 hours and max. 1 day
Consumption		0,100 kg/sqm, for a film of 43 micron
Mixture ratio in weight		A=100 B=16,2
Flash point		Not applicable
Application conditions (*)		Temperatures between 10°C and 30°C. U.R. < 70%
Advisable diluent		Water (only after the 2 compounds are both dry)
Solvent to clean the tools		Water
Storage		12 months. Keep it in a dry place at a temperature between 5°C and 35°C. Product B is very sensible to humidity.
Resistance to abrasion (TABER Spring CS-17-1000 cycles – 1000 g in weight) UNI 8298-9		< 50 mg

(*) The glossy effect of **FINIWATER MATT** depends on several factors:

- Temperature of the material
- Humidity of the room
- Temperature of application
- Porosity of the substrate