

AQUATEC PU glossy/mat

Thin, hydrodispersed, polyurethane finishing product

Description and use

Aquatec PU glossy/mat is a product based on transparent, aliphatic polyurethane resins. Specific as finishing resistant to scratches in the industrial and decorative systems. Available in the glossy and mat version. Aquatec PU glossy/mat, with low VOC content, respects the health of operators. Suitable to Green Building.

Technical characteristics

- Low VOC content (Volatile Organic Compounds)
- Excellent mechanical characteristics and resistance to abrasion
- Thickness of dry layer between 70 - 120 µm
- After hardening surface is compact, resistant, homogeneous and resistant to scratches
- Possibility to pigment with Aquacolor pastes in percentages that can vary from 20% to 30%

Installation

- Ready to use
- Components A and B must be shacked before use, then mixed together for 2 minutes at least and left to stand for about 5 minutes
- Mixing must be carried out at a low speed
- In the presence of high temperature ask for Aquatec PU Late retardant additive
- Transit after installation depends on temperature and change of air
- Ventilation is an essential condition to obtain the best mechanical resistance of Aquatec products

Consumption

- About 70 ÷ 120 gr/sq m per coat

Storage

- Eight months in a dry environment not exposed to atmospheric agents, with temperatures not inferior to +5°C

Conditions for installation

- Temperature of support and environment >10°C
- Humidity of support from 3% to 9%
- Ventilation of premises

TECHNICAL CHARACTERISTICS

Product hardening at 23°C - 7 days

Aspect	Liquid
Colour	Trasparent
Mixing ratio A : B	100 : 10
Specific weight (kg/lt)	1,01
Viscosity (s)	22/26 F4
Pot-life (min.)	45
Resistance to abrasion (mg) DIN 53754/ASTM D1044 Taber mola cs 17 1000 revolutions - 1Kg	15
Total hardening (h)	12
Slot for further coat (min.)	After 3 h, within 24 h
Total hardening (gg)	7
Packaging (Kg)	Component A: 5 Component B: 0,5