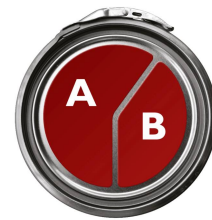


PAVIWATER TES

WATERBORNE TRANSPARENT LOW YELLOW
EPOXY (A + B)



DESCRIPTION

Two-component water-base epoxy system, based on epoxy and amine resin.

The product is supplied with a high content of solids: the viscosity can be significantly lowered by diluting with water.

The film obtained has good mechanical characteristics, good resistance to solvents and industrial atmosphere and good resistance to light.

USE

Transparent finish on floors and cement products.

Anti-dust impregnating agent.

Protection of printed floors and transparent consolidation.

SUPPORT

The substrate must have a minimum compressive strength of 25 N/mm² and a tensile strength of 1.5 N/mm².

PREPARATION OF THE SUPPORT

Concrete bottoms. They must be solid, dry (seasoned if newly built), leveled, absorbent, not polluted by oils, detergents, powders or other substances. Evaluate the most convenient type of mechanical preparation.

A mechanical preparation by abrasivation or shot peening is the most recommended, but it is necessary to check how the surface is altered.

Absorbent and unpolluted surfaces can be prepared with a simple cleaning or with washing and subsequent drying.

APPLICAZIONE

At the time of application, combine the two components in a single container and mix carefully for 2 minutes, using appropriate equipment (drill with propeller).

At the end of the mixing phase, respect the induction time, letting the product rest in the cans. Add the dilution water slowly under stirring, stir the product for 1 minute and use within the time of use.

In the following mirror are shown the times to be respected according to the temperatures:

Temperature in °C	10°	18°	25°	30°
Induction time	30'	20'	15'	10'
Screen time	150'	130'	105'	80'

WARNING: if the induction times and the time of use are not respected, there may be a discrepancy of the finish, highlighted by a lack of constancy of color and gloss (degree of gloss).

PAVIWATER TES It can find its application as:

Transparent finish:

- in a single step, after dilution of one part of (A+B) and one part of water, for a product consumption of 0,100 kg/m²
- in two stages, after dilution of one part of (A+B) and 3 parts of water, for the 1st round, and one part of (A+B) and 1,5 parts of water, for the 2nd round, for a product consumption of 0,05 kg/m² for each shot

Anti-dust impregnation: in a single shot after dilution of one part of (A + B) and 2 parts of water, for a product consumption of 0.07 kg/m²

TECHNICAL SPECIFICATIONS

PRODUCT DATA	
Colour	Transparent tending to light yellow
Specific gravity (at 25 °C): mixture (A+B)	1,00 – 1,05 g/ml
Viscosity (at 25°C): mixture (A+B)	15.000 +/- 3.200 mPa·s (spindle 2, rpm 1,5)
Dry residue (A+B)	61% by weight and volume
Flash point	None
Solvent for cleaning tools	Water
Storage	12 months store in a dry place at a temperature between 5 °C and 35 °C

Environmental conditions of use	Temperatures between +10 °C and +30 °C and R.H. < 70% (*)
Coating maintenance	For cleaning operations use neutral detergents

APPLICATION DATA AND TIMES	
Mixture ratio	by weight: A=100, B=62
Pot-life (50% R.H.)	at 10 °C > 180 min at 25 °C 120 min at 30 °C > 90 min
Dry to the touch (50% R.H.)	at 10 °C 36-48 hours at 25 °C 8-10 hours at 30 °C 5-7 hours
Coverage (50% R.H.)	at 25 °C 24 to 48 hours
Hardening in depth (50% R.H.)	at 25 °C 7 days

(*) The degree of brilliance of the applied PAVIWATER TES product is influenced by several factors: material temperature, ambient humidity, application temperature and porosity of the substrate.

Product for professional use, the buyer undertakes to follow the above warnings in the application of the purchased product and the instructions in the safety data sheet.