Micropool Coarse®

Decorative and industrial mortar water based (A+B+C)

Description

Coarse-grained three-component mortar based on water-based resins.

- High adhesion on resin coatings.
- Excellent mechanical resistance.
- High resistance to abrasion.
- Excellent resistance to UV rays and atmospheric agents.
- In interiors and exteriors.

Performances

- Specific gravity (25ºC): 180+ / -0,05g/ml
- Viscosity (25ºC): Thixotropic paste.
- Dry residue: 84.3% by weight and 50% RH.

**These results are from standard tests and may vary depending on the conditions of use.*

Technical data

Packaging	Pack A+B+C: 25 kg
Application temperatures	10-30ºC and RH <75%.
Consumption (depending on aggregate size)	0,3 - 1 kg/m² (1 pass)
Colour	Colours
Dosage of components	A=100, B=50, C=100
Pot-life (50% R.U.)	10°C: > 3 hs. 25°C: >2 hs. 35°C: >75 min.
Dry to touch (50% R.U.)	10°C: 20-24 hs. 25°C: 8-10 hs. 35°C: 4-6 hs.
Pedestrian (50% R.U.)	>24 hours (25°C)
Adhesion to concrete	> 2 N/mm2
Tool cleaning	Water
Preservation	** 6 months for component C. **12 months for components A and B. Store in a dry place at a temperature between 5°C and 35°C and away from weather and humidity.

Applications

- Base coating of the Micropool system for interior or exterior surfaces.
- Coloured floor and wall coverings.

Support

- The support must have a minimum mechanical resistance to compression of 25 N/mm² and to traction of 1.5 N/mm².

Preparation of the support

Concrete substrates must be solid, dry, level, absorbent, not contaminated with oils, detergents, dusts or other substances.

On new concrete with a setting time of >28 days.

Evaluate the most suitable type of mechanical preparation (using an abrasive machine, polishing machine or hydro-cleaner) and apply a coat of **Paviplast epoxy.**

Important

Colours with shades of yellow, orange or some red may require further applications to achieve a good coating effect (in some cases a first white recovery is recommended). Several production batches may have small colour differences: if possible use material from only one production batch.

Some colours based on organic pigments (reds, blues, greens and intense yellows) tend to fade when subjected to abrasion (either dry or wet). In these cases it is advisable to protect the colour with a coat of transparent **Paviplast epoxy** finish.

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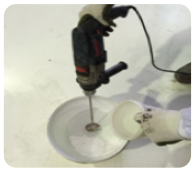
Application

Prepare the mixture of the 2 components **A + B**, pour the contents of component **B** into the container of component **A**, stir the mixture and add component **C**, homogenise with a whisk at low revolutions. Apply the product with a suitable trowel at an approximate consumption of 0.3 - 0.5 kg/m² (1 pass).
To colour the product use water-based dyes, the quantity of dye in relation to the product can vary from 3 % to 10 %, depending on the desired colour effect.

Usage way



Mix components **A + B** with a whisk at low speed for at least 1 minute, until perfectly homogenised. Add component **C** and stir again.

The application can be carried out with a steel trowel, rubber...

Associated products

*Paviplast Epoxy

Packaging

Pack A+B+C: 25 kg

Color

Colors

Consumption

0,3 – 1 kg/m² (1 layer)

Preservation

** 6 months for component C.
**12 months for components A and B.
Store in a dry place at a temperature between 5°C and 35°C and away from weather and humidity.

⚠ IMPORTANT

The observations and prescriptions of this data sheet, although corresponding to our best experience, should be considered, in any case, purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.