

COLORSIVIT MALTA FINE

Waterborne epoxy compound (A+B)

NEUTRAL
WHITE

Description

2 Component waterborne epoxy product, applied by smoothing with:

- Excellent adhesion on concrete, tiles and resin coatings
- Excellent adhesion on humid substrates
- Good vapor permeability
- Good resistance to wear
- Ideal product as decorative top coating

Uses

Shops, apartments, offices and showrooms floors.
Industrial floors.
Restoration of floors.

Substrate

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 must be dry, leveled, absorbent, not polluted by oils, dust or any other substances. Choose the most convenient mechanical preparation (abrasion, shot-blasting or grinding) and then apply one layer of **PAVIWATER T68**.
- Oily surfaces have to be deeply grinded and then covered by **FLUIDEPOX** added with **QUARTZ B0**; when still fresh, seed **QUARTZ B2** till saturation.
- Concrete substrates have to be abraded or shot-blasted, then treated with a layer of **ECOFONDO** and lightly seed the surface with **QUARTZ B1**. If the tiles are not adhered, it is advisable to reinforce them with a layer of **FLUIDEPOX PIASTRELLE** or **ECOFONDO** and a glassfiber net of gr 100. Vertical surfaces can be coated with **COLORSIVIT MALTA** added with 0,7% of thickener.



Application

Mix the two components (A+B) by adding the product B into the product A; mix it with the mixing device. Add water to dilute and mix with a drill mixer. Apply it quickly with an American trowel.

In order to colour the product, add **COLORPASTA W** or any other compatible pastas.

The quantity of pasta compared to the A+B mix can vary from 10% to 1%, depending on the chromatic effect you want to obtain.

N.B.: **COLORSIVIT MALTA FINE** can be used to obtain decorative effects like "spatulated". Please refer to our Technical Service for support.

Technical Data

Colour	Neutral or following RAL card for batches of minimum 330 kg
Density (neutral colour) at 25°C	2,00 +/- 0,05 g/ml
Viscosity (neutral colour) at 25°C	5.000 +/- 1.000 mPascal (Spindle 2, rpm 5)
Pot – life at 30°C e 50% U.R.	> 25 minutes
at 25°C e 50% U.R.	40 minutes
at 15°C e 50% U.R.	> 70 minutes
Consumption	1 liter/sqm for 2 layers
Mixture ratio in weight	A=100 B=11
Mixture ratio in volume	A=100 B=20
Walk on time at 25°C and 50% U.R.	18 hours
Overcoat time at 25°C and 50% U.R.	18-36 hours
Tack free time at 30°C and 50% U.R.	3-5 hours
at 25°C and 50% U.R.	5-7 hours
at 15°C and 50% U.R.	14-18 hours
Hardening in depth at 25°C and 50% U.R.	7 days
Application conditions	Temperatures between +15°C and +30°C and U.R. <75%
Resistance to compression (UNI 4279)	35 N/mm ² , with 7 days or hardening at 25°C and 50% U.R.
Solvent to clean the tools	Water
Storage	12 months in a dry and protect place, at a temperature between 5°C and 35°C

CAUTION:

Colours like yellow, orange or some type of red might require several layers before obtaining a good covering effect (in some cases it is advisable to apply one first layer of white).

Different batches from the same colour can show few differences: when possible, use material from the same production batch.

Some colours from organic pigments (reds, blues, greens, dark yellows, ...) have the tendency of losing colour when abraded (either on dry or on humid). In such a case it is advisable to protect the colour with a layer of transparent Top Coating.