

WATERBORNE EPOXY COMPOUND TRI DESIGN TOP NP

Water-based epoxy fine mortar (A+B+C)

Water-based epoxy mortar for decorative floors or wall coverings. High mechanical strength and excellent vapor permeability together with an elegant aesthetic effect.

Description

Water-based three component epoxy product. TRI DESIGN TOP NP is ideal for creating scratching with a decorative effect. The product is characterized by excellent tear and wear resistance and excellent vapor permeability.

Use

Decorative floors and walls for residential and commercial use such as: shops, apartments, offices, showrooms, etc.

Preparation of the support

Concrete bases 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 (grinding, shot peening or milling) and then apply a resumption of FLUIDEPOX. Any holes and slight anomalies can be repaired with PAVIRAPID.

Tiled should be grinded or shot peened up to a completely opaque surface, then apply one or more shots of ECOFONDO PLUS FIBRATO or FLUIDEPOX (see specific application cycle or contact Sivit Technical Assistance).

Application

TRI DESIGN TOP NP + COLORPASTA W.

Mix the component A with component C by drill for 3 minutes, to homogenize the product. At the time of application, add COLORPASTA W to the mixture A+C and mix carefully. Then add component B and mix by drill for 2 minutes.

Apply the mixture on TRI DESIGN with American trowel or stainless steel trowel with a consumption of 0.6-0.7 kg / m² per two coats (for clear colour is suggested to use plastic trowel).

Warnings

Shades of yellow, orange or some reds may require several coat to obtain a good covering effect (in some cases a first coat of white color is recommended).

Different production batches of the same color may have small differences: where possible use material from a single production batch.

Some colors based on organic pigments (red, blue, green, intense yellows, ...) tend to lose color if they are subjected to abrasion (dry or wet): in these cases it is advisable to protect the color with a transparent finish.

Technical specifications

PRODUCT DATA	
Colour	Neutral to pigment or white
Consumption	0,6-0,7 kg/m ²

Product for professional use. The purchaser undertakes to strictly follow the above warnings when applying the purchased product and the instructions in the safety data sheet.

TRI DESIGN TOP NP • Technical sheet • 05/11/2025

Sivit S.r.l.

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PRODUCT DATA

Specific weight (at 25°C)	2,00 +/- 0,05 g/ml
Viscosity (at 25 °C)	120.000-150.000 mPa.s (L4 20 RPM)
Flash point	> 100°C
Solvent for cleaning tools	Water
Storage	12 months, store in a dry place at a temperature between 5 °C and 35 °C

APPLICATION DATA AND TIMING

Mixture ratio	A=70 B=20 C=110 coloured: PASTA=20
Pot-life (50% R.H.)	at 15 °C 60 min at 25 °C 40 min at 30 °C > 25 min
Tack free (50% R.H.)	at 15 °C 14-18 hours at 25 °C 5-7 hours at 30 °C 3-5 hours
Walkable (50% R.H.)	at 25°C from 18 hours
Coverage (50% R.H.)	at 25°C 18 to 36 hours
Hardening in depth (50% R.H.)	at 25°C 7 days
Application Conditions	Temperatures between +10°C and +30°C, R.H. < 75%.

TECHNICAL PERFORMANCE DATA

Compressive strength	at 25°C 30 N/mm ² (with 7 days of (UNI 4279)
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