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Ferrorep[®]

Anticorrosive coating

Fields of application

Anticorrosive coating for steel reinforcement of concrete elements in repair works. It protects from corrosion the concrete reinforcement which is expected to work in high humidity condition. It has very strong adhesion on metals, offering durability against extreme weather conditions and UV radiation. It is also suitable for strong bonding of old to new concrete.

Properties

- Very strong adhesion
- Anticorrosive protection
- Durability against extreme weather conditions
- High coverage
- It is CE certified, according to EN 1504-7.

Technical characteristics

Consumption	50-70gr/linear meter of reinforcement element for 2 layers and thickness 1mm (depending on the rod's diameter) and 1,3-1,5kg/m ² for bonding old to new concrete.
Water requirement	35% by weight
Pot life	60 min. at +25°C
Density (EN ISO 2811-1:12011)	1,54g/cm ³
Glass temperature Tg (EN 12614:2004)	318,0 K

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Instructions for use

Substrate should be clean, dry and free from dust, oil, grease, or any poorly adhering material. Add 1 Kg **Ferrorep[®]** into 350 gr water and stir very well for 3 minutes with low-revolution stirrer until obtaining a uniform mass without lumps. Leave the can for 5 minutes before the application. **Ferrorep[®]** is applied using a brush in two layers. Each layer is applied once the previous one has dried.

Notes

- Do not use the product at temperatures lower than +5°C.
- Total hardening and final properties occurrence: 7 days after the application.

Cleaning of tools

Use plenty of water immediately after application.

Stain removal

Use water when the stain is still fresh and damp. In case of hardened stains, use mechanical means

Color

Terracotta

Packing

1 Kg, 4 kg and 20 kg in plastic container.

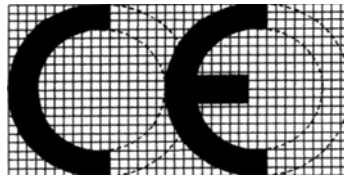
Storage stability

At least 12 months in its original sealed container, in an absolutely dry place protected from frost and humidity.

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1922

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1922-CPR-0386
DoPNo. Ferrorep /4950-06

EN 1504-7

Ferrorep

Reinforcement corrosion protection

Active coating

Corrosion protection	:	Pass
Glass transition temperature	:	> +40 ⁰ C
Shear adhesion of coated steel in concrete	:	Pass
Dangerous substances	:	comply with 5.3