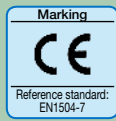


STRATO FER

ONE-COMPONENT, ANTI-CORROSIVE PRIMER WITH SYNTHETIC RESIN BASE FOR PASSIVATING REINFORCEMENT BARS



CHARACTERISTICS		ENVIRONMENTAL	METHOD OF USE	PRECAUTIONS
ONE-COMPONENT	WATER BASED	ECO GREEN	APPLY BY BRUSH	STORAGE: KEEP AWAY FROM FROST

PROBLEM

PASSIVATING REINFORCEMENT BARS PROTRUDING FROM DETERIORATED CONCRETE



The formation of rust on concrete reinforcement bars caused by a number of factors lead to detachments and cracking. Bars protruding from concrete are exposed to rapid corrosion, which causes the concrete to deteriorate quickly, thus compromising the stability of the building work.

SOLUTION

It is important to clean the bars to their "bare metal" state, to prepare the surfaces to be repaired and to passivate the exposed bars to create the required protective alkaline environment. Harmful rust converters, acids and phosphate coatings are to be avoided. **STRATO FER** is a synthetic primer with anti-corrosion additives, used to protect reinforcement bars in concrete. The special composition ensures excellent waterproofing and resistance to aggressive agents, even when applied in just one single coat.



PROTECTION AGAINST CORROSION OF REINFORCEMENT

APPLICATION FIELDS

STRATO FER is used to passivate reinforcement bars in concrete before rebuilding/repairing with **RESISTO** mortars. It is also used "fresh-over-fresh" as a primer before applying cement-based mortars.

ADVANTAGES

- Improves adhesion on different types of surfaces.
- Excellent passivator on reinforcement bars.
- Improves waterproofing.

METHOD OF USE

•SURFACE PREPARATION

The surface must be resistant, free from grout, oil, release agents, grease, brittle parts and rust. The bars must be cleaned to their bare metal state.

• APPLICATION

Brush **STRATO FER** over the bars or the concrete surface.

The bars will be passivated with **STRATO FER** straight after cleaning to their bare metal state.

• COVERAGE

From 150 to 250 g/m².



• APPLICATION WARNINGS

- Use **STRATO FER** at +5°C to +35°C.
- Store the product at temperatures of at least +5°C.
- Clean tools thoroughly straight after use with water.

TECHNICAL CHARACTERISTICS

	Standard	STRATO FER
Class and type	EN 1504-7	
Appearance		Paste
Colour		Light blue
Apparent density	UNI EN ISO 2811-1	1.50 ± 0.10 kg/L
Solid content	UNI EN ISO 3251	77 ± 3%
Application temperature		+5°C ÷ +35°C
Thermal resistance - Operating temperature		-30°C ÷ +90°C
Waiting time - Dust-free drying time (*)		approx 1 hours
Waiting time - Setting time (*)		approx 12 ÷ 14 hours
Waiting time - Full hard setting time		approx 4 days
Brookfield viscosity	Internal method	> 50 000 cps
Application		Manual
Corrosion resistance	EN 15183	Specification passed
Bar pull-out strength	EN 15184	Specification passed
Shelf life in original packaging		12 months

Test conditions: temperature 23±2°C, 50±5% R.H. and air velocity in test area <0.2 m/s. **These parameters may vary based on the specific conditions of the worksite: temperature, ventilation, porosity of the substrate and of the material laid.**

(*) The times indicated will be longer or shorter as the temperature drops or rises.

It complies with the principles defined in EN 1504-7 - General principles for the use of products and systems.

the numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Considering

PACKAGING

STRATO FER

1-kg Bucket.
2-kg Bucket.

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE • IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS •

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