

MAXREST

PASSIVE

OXIDE CONVERTER AND ANTI-CORROSION PROTECTION FOR REINFORCING BARS AND OTHER IRON OR STEEL SURFACES

Surface preparation

Clean down affected area by wire brush, sandblasting or water blasting and wash with clean water. Remove any dust, oil and grease.

Application

MAXREST® PASSIVE is ready to be used; it does not require dilution or addition of other materials. Apply by brush, spray gun or by immersing the element to be protected. Apply two coats, the second one when the first coat is dry to touch (between 2 – 3 hours at 20 °C). Avoid staining the concrete around the reinforcement. More successive coats can be applied if required.

Application conditions

Do not apply below 5 °C or if such temperature is expected within 24 hours. Do not apply if rainfall is expected within 24 hours. Do not apply on frosted or frozen surfaces.

Curing

MAXREST® PASSIVE can be coated with other epoxy or polyurethane coatings 24 hours after application.

Cleaning

Clean with water all tools and equipments immediately after use. Once it hardens, product can only be removed by mechanical methods.

Consumption

Estimated consumption of **MAXREST® PASSIVE** is 0,15 kg/ m² per coat, for a dry film thickness of 50 microns, in order to achieve a total consumption of 0,3 kg/m² in two coats. Consumption may vary depending on texture and surface conditions, a

DESCRIPTION

MAXREST® PASSIVE is a one-component liquid product, ready to use as an oxide converter and protection of re-enforcing bars and other steel and iron surfaces against corrosion.

MAXREST® PASSIVE once applied

Neutralizes the corrosion process, reacting quickly with the rust and transforms iron oxide into a stable passive layer giving full protection against corrosion, salts, acid and alkali attack.

APPLICATION FIELDS

• Oxide converter and protection of re-

enforcing bars in structural concrete repair exposed to aggressive conditions such as in coastal areas, industrial environments, etc.

- Anti-corrosion protection against the attack from strong chemical agents such as diluted alkali and acid solutions.
- Adhesion promoter on metal surfaces for subsequent coating systems.

ADVANTAGES

- Excellent adhesion on metal substrate.
- It reacts even with steel which has been sandblasted to white metal or over only partially rusted surfaces.
- Water-based liquid, solvent-free and non-flammable.
- One-component product, easy and ready to use.
- Quick drying, allows a fast repair job.

APPLICATION INSTRUCTIONS

preliminary test on-site will determine **SAFETY AND HEALTH** consumption exactly.

MAXREST® PASSIVE is not a toxic product

PACKAGING but skin and eye contact must be avoided.

Safety goggles and protective gloves should

MAXREST® PASSIVE is supplied in 1, 5 and be used during application. In case of skin

25 litres jerry cans. contact, wash affected areas with soap and

water. In case of eye contact rinse thoroughly

with clean water but do not rub. Seek medical

STORAGE attention if irritation persists.

Safety Data Sheet for **MAXREST® PASSIVE**

Twelve months in its original unopened is available by request.

packaging, in a dry covered place, protected Disposal of the product and its empty

from humidity and frost with temperatures packaging must be made by the final user and

above 5 °C. according to official regulations.

TECHNICAL DATA

Appearance and colour One-component milky liquid

Density (kg/ l) $1,18 \pm 0,05$

Solid contents (%) 40 ± 2

Tack-free drying time at 20 °C (h) 2 - 3

Drying time to re-coat with other coatings (h) 24

Consumption per coat/ total application (kg/ m²) 0,15 / 0,3

Dry film thickness per coat/ total application (microns) 50 / 100

Fireproofing Meets British Standard BS 473-7

GUARANTEE

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