



CODE 1.960.0030

boiaccia passivante

boiaccia passivante rust inhibitor for reinforcing bars

GENERAL

PROPERTIES

BOIACCA PASSIVANTE is a grey mono component rust inhibitor based on cement, synthetic resins & corrosion inhibitors. It is ideal for the protection of reinforcement bars in decaying concrete. It offers remarkable alkalinity & protects iron against aggressive agents such as CO₂/SO₂ & chlorides whilst offering a perfect anchorage for restoration and retrieval mortars such as ARDMALTA and ARDPLAN AS/BS.

BOIACCA PASSIVANTE is a specific corrosion inhibitor for concrete reinforcing bars.

INSTRUCTIONS

Substrate preparation:

- Rusty iron surfaces: clean thoroughly removing any unsound and unanchored concrete parts. The iron must be brushed or sanded until all oxidated parts are eliminated.

Application:

- Carefully mix BOIACCA PASSIVANTE with about 24% of clean water until a smooth brushable grout is obtained.
 - Leave to settle for a few minutes, stir lightly without adding water
 - Apply 2 layers by brush allowing approx. 2 hours between layers, for a total thickness of minimum 2 mm.
 - Cover by applying ARDMALTA within 5 hrs.
 - Do not apply below 5°C or above 30°C.
 - Store at ambient temperature.
 - Wash tools with water immediately before the product begins to harden.
 - The mixed product is highly alkaline: use gloves & protective eyewear. **Eye contact:** wash eyes immediately for a few minutes with plenty of water.
 - Refer to the MSDS for further details.
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TECHNICAL PROPERTIES

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|---------------------------------------|----------------------------------|
| BINDER | Synthetic polymeric resin cement |
| GRANULOMETRY | 0,3 mm |
| FRESH MORTAR VOLUME WEIGHT (UNI 8995) | 1,70 ± 0,05 g/cm ² |
| CHORIDE IONES CONTENT | ≤ 0.05% |
| POT-LIFE | 60 min |
| INTERVAL BETWEEN LAYERS | 2 hrs |
| ADHESION TO CONCRETE | ≥ 2.0 MPa |

Product certified in conformity to norm EN 1504-7 Products and systems for the protection and restoration of the concrete structures

YIELD

A min dry film thickness of 2 mm is required (2 layers by brush) to obtain a good result. Said thickness, (applying correctly without spilling), implies a yield of about 1.25 m²/kg.

**TENDER
SPECIFICATION ITEM****BOIACCA PASSIVANTE
RUST INHIBITOR FOR REINFORCING BARS**

Application on treated reinforcing bars, for the restoration of armoured concrete, of cement based grout, synthetic resins and corrosion inhibitors with anti carbonation properties; min thickness approx 2 mm – type BOIACCA Passivante Antiruggine for reinforcing bars (Ard F.lli Raccanello SpA) suitable for protection against acid gases CO₂-SO₂, with a min consumption of 0,8 kg/m².

€/m²

The data herein were correct at the time of Quality Control and refer to standardized environmental conditions. The same are to be considered as a guide.
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