



# ard f.lli raccanello s.p.a. industria vernici e smalti

TECHNICAL SHEET **400**

CODE 1.963.0040

## **boiaccia passivante**

boiaccia passivante rust inhibitor for reinforcing bars

### **GENERAL PROPERTIES**

BOIACCA PASSIVANTE is a mono component rust inhibitor based on cement, synthetic resins & corrosion inhibitors. Its ideal for the protection of reinforcement bars in decaying concrete. It offers remarkable alkalinity & protects iron against aggressive agents such as CO<sub>2</sub>/SO<sub>2</sub> & chlorine whilst offering a perfect anchorage for restoration mortars such as ARDMALTA RAPIDA & ARDPLAN AS or ARDPLAN BS.

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

### **INSTRUCTIONS**

#### **Substrate preparation:**

- Rusty iron surfaces: clean thoroughly removing any unsound parts. The iron must be brushed or sanded until the rust is eliminated.

#### **Application:**

- Carefully mix BOIACCA PASSIVANTE with about 23% of clean water until a smooth brushable grout is obtained.
- Apply 2 layers (with a total thickness of approx 1mm), at an interval of 2 hrs.
- Apply ARDMALTA or ARDPLAN BS within 5 hrs.
- Do not add water to the mixture during setting.
- Do not apply below 5°C or above 30°C.
- Store at ambient temperature.
- Wash tools with water immediately before the mortar 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 PSDS for further details.

<b>TECHNICAL PROPERTIES</b>	BINDER	Synthetic resin cement
	GRANULOMETRY	0,4 mm
	FRESH MORTAR VOLUME WEIGHT (UNI 8995)	1,30 ± 0,05 g/cm <sup>2</sup>
	POT-LIFE	2 hrs
	INTERVAL	2 hrs
	ADHESION	1,2 MPa

## YIELD

A min dry film thickness of 1mm is required (2 brush layers) to obtain a good result. Said thickness, (applying correctly without spilling), implies a yield of about 6 m<sup>2</sup>/kg.

## TENDER SPECIFICATION ITEM

### BOIACCA PASSIVANTE RUST INHIBITOR FOR REINFORCING BARS

Application on treated rebars, for the restoration of armoured concrete, of cement based grout, synthetic resins and corrosion inhibitors with anti carbonation properties; min thickness approx 1 mm – type BP BOIACCA Passivante Antiruggine for reinforcing bars (Ard F.lli Raccanello SpA) suitable for protection against acid gases CO<sub>2</sub>-SO<sub>2</sub>, with a min consumption of 0,16 kg/m<sup>2</sup>.

€/m<sup>2</sup>

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.  
Revision 2012/08



**ard · f.lli raccanello s.p.a. · industria vernici e smalti**

35129 PADOVA – Zona Ind.le Nord 1<sup>a</sup> Strada, 13 – Tel. 049.8060000 (5 linee)

Fax 049.773749 – [www.ard-raccanello.it](http://www.ard-raccanello.it) - E-mail: [ardspa@ard-raccanello.it](mailto:ardspa@ard-raccanello.it)