



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

TECHNICAL SHEET **404**

CODE 1.964.

## **beton decor rasante**

Universal fibre-reinforced cement filler

### **GENERAL PROPERTIES**

BETON DECOR RASANTE is a white fibred-reinforced premix based on specific cement binders, calibrated inert fillers and additives which improve workability and adhesion on concrete.

BETON DECOR RASANTE is ideal for regularizing the defects in concrete casting, precast panels, balconies and interior/exterior decorative elements such as risers, cornices etc.

BETON DECOR RASANTE is ideal for 2 - 4 mm thick fillings.

### **INSTRUCTIONS**

#### **Preparation of the substrate:**

Surfaces must be dry, coherent & free of dust, grease, oil, wax etc.

- Unsound concrete must be removed until a resistant, solid & rough surface is formed.
- Remove any rust from protruding reinforcement bars and apply BOIACCA PASSIVANTE 1.963.0040 (refer to the TDS 400). Use ARD MALTA RAPIDA 1.963.0030 if structural restoration is required.

#### **Application:**

- Accurately mix a 20 kg pack of BETON DECOR RASANTE with 4,4 litres of clean water until a homogeneous plastic like mixture is formed.
- Leave to rest for at least 10 minutes, stir & apply.
- Use BETON DECOR RASANTE within 70 minutes.
- Apply with a plastic or steel float; smooth with a sponge trowel. Allow 2-3 hrs before filling (if required).
- Apply at a temperature range of + 5°C - 35°C. Do not apply on wet/frozen surfaces, under strong sunlight/winds or dehumidifying cycles.
- Allow 3-4 days before finishing.
- Store the product at ambient temperature; protect against humidity.
- Wash equipment immediately after use with water.
- Use protective eyewear & gloves (the "mixture" is highly alkaline).  
**Eye contact:** rinse eyes with plenty of fresh water.

Refer to the PSDS for further details.

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## TECHNICAL PROPERTIES

Mass powder volume	1,22 ± 0,05 g/cm <sup>2</sup>
Pot-life	Approx. 70 mins at 20°C
Setting	Approx. 2 hrs at 20°C
Mixing water	Approx. 22%
Granulometry	≤ 0,6
Max thickness per filling layer	4mm
Min thickness per filling layer	2 mm
Average compression resistance (after 28 days)	20,0 MPa
Average flexure resistance (after 28 days)	7,5 MPa
Substrate adherence	0,7 N/mm <sup>2</sup>
Hazardous substances	Complies

In compliance with the EN 1504-2 Certification - Products & Systems for the protection/restoration of concrete surfaces.

## YIELD

A millimetre of thickness implies a coverage of 0,77m<sup>2</sup>/kg.

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## TENDER SPECIFICATION ITEM

UNIVERSAL FIBRE-REINFORCED FILLER BASED ON SPECIFIC CEMENT BINDERS, CALIBRATED INERT FILLERS IDEAL FOR REGULARIZING THE SUPERFICIAL DEFECTS IN CONCRETE

Application on mineral & other treated surfaces of a fibre-reinforced filler based on special cements and calibrated inert fillers (up to 0,45 cm filling) - BETON DECOR RASANTE - Ard F.lli Raccanello SpA with a with a min consumption of 1,3 kg/m<sup>2</sup> per millimetre.

€/m<sup>2</sup>

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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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