



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

TECHNICAL SHEET **401**

CODE 1.963.0020

ardplan BS

Finishing filler coat for interiors & exteriors

GENERAL PROPERTIES

ARDPLAN BS is a white premixed fibre-reinforced product based on quick drying cement binders, inert fillers of selected granulometry & special fluidizing resins. ARDPLAN BS is ideal for fillings no thicker than 5mm. Mixed with clean water it produces an effort free application mortar with a two-coat plaster trowel effect finish.

ARDPLAN BS has been devised to obtain a remarkable adhesion on substrates such as concrete, smooth prefabricated structures, non absorbent glossy surfaces & plastic coatings etc.

It's the perfect solution for anti-carbonation fillings of decaying concrete such as panels, pillars, beams, risers & cornices.

INSTRUCTIONS

Substrate preparation:

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

- Protruding iron bars: remove rust & apply BOIACCA PASSIVANTE code (refer to TDS 400).

Application:

- Carefully mix a 25 kg pack ARDPLAN BS with 5,5 -5,8 litres of clean water, avoiding the formation of lumps, until smooth & of plastic like consistency.
- Leave to settle for at least 10 minutes, stir lightly & apply.
- Use ARDPLAN BS within 4 hrs of it being mixed.
- Apply with a stainless steel float & level with a sponge trowel. Allow 2 - 3 hrs & proceed with the filling process.
- Do not apply below 5°C or above 30°C. Do not apply on wet/frozen substrates or under strong sunlight/winds.
- Do not apply on dehumidifying cycles.
- After 3 - 4 days proceed with the most appropriate finishing product.
- Store at ambient temperature & protect against humidity.
- 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.

TECHNICAL PROPERTIES

VOLUMIC WEIGHT FRESH MORTAR (UNI 8995)	1.70 ± 0.05 g/cm ³
POT- LIFE	4 hrs at 20°C
MIXTURE WATER	Approx 23%
GRANULOMETRY	≤ 0.315
MAX THICKNESS	2,5 mm
MED COMPRESSION (STRENGTH AFTER 28 DAYS)	9.0 MPa
MED FLEXURE (STRENGTH AFTER 28 DAYS)	4.0 MPa

YIELD

The yield per millimetre of thickness is 0,55 m²/kg.

**TENDER
SPECIFICATION ITEM**

FIBRE-REINFORCED FILLER BASED ON QUICK DRYING CEMENT BINDERS & FLUIDIZING RESINS, IDEAL FOR A 0,5 CM THICK FILLING

Application on treated mineral & other surfaces, of a thixotropic filler based on quick drying cement & synthetic resins with anti-carbonation characteristics with a two-coat plaster trowel effect finish, ideal for fillings no thicker than 0,5 cm called ARDPLAN BS (Ard F.lli Raccanello SpA) with a consumption per millimetre of 1,8 kg/m².

€/m²



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35129 PADOVA – Zona Ind.le Nord 1ª Strada, 13 – Tel. 049.8060000 (5 linee)
Fax 049.773749 – www.ard-raccanello.it - E-mail: ardspa@ard-raccanello.it