



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

TECHNICAL SHEET **406**

CODE 1.963.0025

ardplan AS

Finishing filler coat for interiors & exteriors

GENERAL PROPERTIES

ARDPLAN AS is a grey premixed fibre-reinforced anti contraction product. Mixed with clean water it produces a highly thixotropic universal mortar which is easy to apply & ideal to create a 0,2 - 5 cm thickness without supportive formwork.

The product is formulated to obtain a remarkable adhesion on substrates such as concrete, smooth prefabricated structures, plastic coatings etc.

The optimum volumetric stability and low elastic module make ARDPLAN AS ideal even for traditional building substrates such as tiles & bricks.

INSTRUCTIONS

Substrate preparation:

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

- Protruding iron bars: remove rust & apply BOIACCA PASSIVANTE code 1.963.0040 (refer to TDS 400).

Application:

- Carefully mix a 25 kg pack of ARDPLAN with 6 - 6.3 litres of clean water, avoiding the formation of lumps, until smooth and of plastic like consistency.
- Use ARDPLAN 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.
- Thick restoration work (4cm): maintain ARDPLAN AS humid for at least 24 hrs.
- 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.
- 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 eye-wear. **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)	1.56 ± 0.05 g/cm ³
	POT- LIFE	4 hrs at 20°C
	MIXTURE WATER	Approx 24%
	GRANULOMETRY	≤ 0.315 mm
	MAX THICKNESS	5 cms
	MED COMPRESSIVE STRENGTH AFTER 28 DAYS	15.0 MPa
	MED FLEXURE STRENGTH AFTER 28 DAYS	5.0 MPa

YIELD Each millimetre of thickness requires about 1.8 kg/m² of material.

**TENDER
SPECIFICATION ITEM**

FIBRE-REINFORCED FILLER BASED ON QUICK DRYING CEMENT BINDERS & SYNTHETIC RESINS, IDEAL FOR A 2CM FILLING THICKNESS PER LAYER

Application on mineral & other treated surfaces, of a thixotropic filler with a low elastic module based on quick drying cement & synthetic resins with a trowel like finish, ideal for a 4 cm filling thickness. ARDPLAN AS (Ard F.lli Raccanello SpA) with a 1.8kg/m² thickness per millimetre.

€/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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