



# ard f.lli raccanello s.p.a.

## industria vernici e smalti

TECHNICAL DATA **108**

CODE 1.645.

## **ardelast Intonachino 1,2 mm**

Algae resistant acryl-siloxanic elastomeric filler coating

### GENERAL PROPERTIES

ARDELAST INTONACHINO, thanks to a remarkable elasticity - even in low temperatures - is specific for the restoration of cracked walls. It features optimum filling/covering power, alkaline inertia, adhesion (on clean & dry surfaces) & low dirt pick-up due to a self-reticulating substance which reacts under sunlight increasing surface hardness without reducing the coating's elasticity.

The presence of specific broad spectrum biocides lends an effective protection against the proliferation of algae, funguses & moulds.

ARDELAST INTONACHINO is ideal for the finishing of ETICS.

### INSTRUCTIONS

#### Substrate preparation:

- Plastered surfaces: ensure the substrate has weathered for at least 28 days. Clean thoroughly removing filth & any unsound paintwork.
- Ensure the substrate is perfectly dry. Apply ISOLEX W or ISOLEX on chalky or unsound surfaces.
- Cracks: widen to at least 1 - 2 cm, using a flexible grinding wheel, & fill until even with ARDELAST STUCCO. (refer to TDS 98). Apply a hand of PRIMER RIEMPITIVO COPRENTE or PAINTGUM 7 FILL (refer to the formulary for hues) in order to guarantee uniformity with the finish.

#### Application:

- ARDELAST INTONACHINO is ready for use and does not require thinning. Stir well until uniform & apply a single coat using a steel float. Before ARDELAST INTONACHINO starts to dry, use a float to smooth its thickness.
- Apply in temperatures between + 5°C - 35°C & R.H. below 75%. Avoid applying in direct sunlight.
- After application, exterior surfaces must be protected from rain, frost, fog & dew for at least 48 hours. The drying times indicated refer to a temperature of + 20°C & 65% R.H.
- Walls with efflorescence or subject to rising damp must be restored before application in order to guarantee adherence. Mould, algae & moss must be pretreated with ARDSAN 0.912. (restorator).
- When different batches are used, we recommend mixing the products accurately to avoid differences in shades.
- Store in cool, frost free premises.
- Use in compliance with the current Health & Safety regulations. Dispose of spent material/containers according to the same.

- Wash equipment immediately after use with water.
- ARDELAST INTONACHINO is recoatable, even after long periods, only with elastic systems. Application of different products may cause cracking & “removal”.
- ARDELAST INTONACHINO is compatible with the 16COLOURS tinting system.

## TECHNICAL PROPERTIES

NATURE OF BINDER	Acryl siloxanic polymers		
COLOUR	White & tinting system hues		
MASS VOLUME	1600 - 1700 g/l		
DYNAMIC VISCOSITY	150.000 ± 200.000 cP		
UV RESISTANCE	Sup. 3 <sup>rd</sup> grade Grey scale		
ALKALI RESISTANCE	No structural/chromatic variation		
DRYING AT 20°C	TOUCH DRY		4 hrs
	THROUGH DRYING		48 hrs
PERMEABILITY (WATER VAPOUR)	EN ISO 7783-1 & 2	S <sub>d</sub>	0,309 m
		Class	V <sub>2</sub> (average)
CAPILLARY ABSORPTION & WATER PERMEABILITY	EN1062-3	W	0,049 kg/m <sup>2</sup> √t
		Class	W <sub>3</sub> (low)
ADHESION FOR DIRECT TRACTION	EN 1542	RESULT	Complies (adhesion ≥ 0,3 Mpa)
DURABILITY	EN 13687-3	RESULT	Complies (adhesion ≥ 0,3 Mpa)
THERMAL CONDUCTIVITY	EN 1745	λ <sub>10DRY</sub> [W/MK]	0,809
FLASH POINT	EN 13501-1		Class C
HAZARDOUS SUBSTANCES		RESULT	Complies

*In compliance with the UNI EN 15824 CE Marking*

## YIELD

Once completely dry, ARDELAST INTONACHINO forms a coat approx. 1,2 mm thick. If applied correctly, without spilling, said thickness implies a yield of 0,5 m<sup>2</sup>/kg according to surface roughness.

## TENDER SPECIFICATION ITEM

### ALGAE RESISTANT ACRYL-SILOXANIC ELASTOMERIC FILLER COATING

Application on pretreated surfaces of filling rustic pigmented coating based on elastomeric copolymers and siloxane resins in aqueous dispersion, selected quartz & marble grit type ARDELAST INTONACHINO with a min consumption of 2 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.  
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DIPARTIMENTO DI  
SCIENZE AMBIENTALI

Register n° 395

Venice, 14/2/2000

### **CERTIFICATE N° 3**

Applicant: ARD F.Ili Raccanello S.p.a. - Padua - Italy -

#### *Tested samples:*

“painting cycle involves applying impregnating agent ISOLEX PLUS (code 0.071.0000) and ARDELAST INTONACHINO (series 0.556)”. The samples were supplied pretreated by ARD F.Ili Raccanello.

#### *Test description and results:*

The value shown refer to the average of the measurements taken on the three samples.

#### **1) CAPILARY WATER ABSORPTION (DIN 52617 standard)**

The products were applied, according the methods and in the quantities specified in the technical sheet, on a marble/stone substrate measuring 10x10x2 cm with a mean capillary absorption factor (W) of 4,7 kg/(m<sup>2</sup> · √h)

**Measured value:**  $W = 0,03 \text{ kg}/(\text{m}^2 \cdot \sqrt{h})$

#### **2) WATER VAPOUR PERMEABILITY (DIN 52615 Wet-cup standard)**

The products were applied on filter paper, according to the methods and in the quantities specified in the technical sheet.

#### **Measured values**

Water vapour permeability	<b>WDD = 68,33 g/(m<sup>2</sup> · 24h)</b>
Thickness of the equivalent layer	<b>S<sub>d</sub> = 0,23 m</b>
Thickness of the applied film	<b>= 1000 μm</b>
Water vapour diffusion resistance factor	<b>μ = 228</b>

The measured data give the following result **W · S<sub>d</sub> = 0,007 kg/(m · √h)**

Il Direttore

L'Analista  
Prof. Guido Biscontin