



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

TECHNICAL SHEET **104**

CODE 0.568.

ardelast grana fine Algae resistant elastomeric finish

GENERAL PROPERTIES

ARDELAST GRANA FINE, 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 film's elasticity.

ARDELAST GRANA FINE offers an excellent resistance to atmospheric agents, low water absorption, good water vapour permeability & carbon dioxide impermeability.

The presence of specific broad-spectrum chemical agents restore contaminated mural surfaces inhibiting the proliferation of algae, fungi & moulds.

INSTRUCTIONS

Substrate preparation:

- Walls, plaster & concrete: ensure the substrate has weathered for at least 28 days. Clean thoroughly removing filth & any unsound paintwork.
- Mould, moss & infested surfaces: after cleaning apply ARDSAN RISANANTE MURALE 0.916.
- Ensure the surface is perfectly dry and apply a hand of ISOLEX W, ISOLEX (consolidating impregnator) or PAINTGUM 7 FILL.
- Cracks: widen to at least 1-2 cm using a flexible grinding wheel & seal with ARDELAST STUCCO (refer to TDS 98). Ensure the product penetrates correctly.

Application:

- Structures with hairline cracks (protective elastic cycle): apply ARDELAST GRANA FINE thinning at 5-10% in water volume distributing uniformly with a brush or woollen roller. The product must be applied continuously "wet on wet".
- Allow at least 24 hrs & apply a second layer of ARDELAST GRANA FINE (min consumption 250 ml/m² per hand).
- Apply at a temperature range of + 5°C - 35°C & R:H: below 75%. Do not apply on surfaces exposed to the sun.
- Exterior surfaces must be protected against rain for at least 48 hours.
- Not suitable for the protection of lime based plasters or horizontal gypsum surfaces subject to backwater.

- To avoid fissures, detachment etc. we recommend recoating ARDELAST GRANA FINE using the ARDELAST line of products.
- Store the product in cool, frost free premises.
- ARDELAST GRANA FINE is compatible with the 16Colours tinting system.
- Use in compliance with the current Health & Safety regulations. Dispose of spent material/containers according to the same.

Refer to the PSDS for further details.

TECHNICAL DATA

SPECIFIC WEIGHT	1380 ± 70 g/l	
VISCOSITY AT 20°C	12.000 ± 2.000 cP	
ASPECT	Satiny	
DRYING AT 20°C	TOUCH DRY	4 hrs
	THROUGH DRYING	48 hrs
CAPILLARY WATER ABSORPTION UNI EN 1062-3	Class W3 0,040 kg/m² h 0,5	
WATER VAPOUR PERMEABILITY UNI EN 1062-1	Class V1 Sd 0,12 m	
STRETCHING BEFORE BREAKAGE	+ 150%	
CRACK RESISTANCE A-10°C UNI EN 1062-7	Class A3	

YIELD

The approx coverage is 2m²/l per 2 hands.

TENDER SPECIFICATION ITEM

ALGAE RESISTANT ELASTOMERIC FINISH

2 layer application on treated surfaces of elastomeric filling paint based on synthetic polymers in aqueous emulsion, lightfast outdoor resistant pigments, selected fillers ideal for internal/external mural surfaces with fissures type ARDELAST GRANA FINE with a min consumption of 0,5 l/m².

€/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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