



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

TECHNICAL DATA **101**

CODE 0.563.

## **ardelast quarzo**

Algae resistant elastomeric quartz paint

### **GENERAL PROPERTIES**

ARDELAST QUARZO, 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 QUARZO 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:**

- Mural surfaces, plaster & concrete: ensure the support has weathered for at least 28 days. Clean thoroughly removing any traces of dust, filth & unsound paintwork.
- Chalky/unsound surfaces: apply a layer of ready ISOLEX W or ISOLEX (consolidating impregnating agent). In the case of surfaces with an heterogeneous appearance, ensure the substrate is perfectly dry and apply a hand of PAINTGUM 7 FILL.

#### **Application:**

- Mural structures with micro-fissures (protective elastic cycle): apply ARDELAST QUARZO neat or thinned (max 5% in water volume) "wet-on-wet" using a woollen roller.
- Allow at least 24hrs & apply a second layer of ARDELAST QUARZO. Minimum consumption per hand is 150 ml/m<sup>2</sup>.
- Apply at a temperature between +5°C & +35°C with R.H. below 75%. Do not apply in direct sunlight.
- After application, protect surfaces from rain for at least 48 hours.
- Not suitable for the protection of lime plastering, gypsum surfaces or horizontal surfaces where backwater is persistent.

- ARDELAST QUARZO can be recoated even after long periods with elastic systems **only**, other products may cause cracking & detachment.
- ARDELAST QUARZO is compatible with the 16COLOURS tinting system.
- Store the product in cool, frost free premises.
- Use in compliance with the Current Health & Safety Regulations. Dispose of spent material/containers according to the local regulations. Do not empty excess material into water tables.
- Refer to the PSDS for further information.

## TECHNICAL DATA

SPECIFIC WEIGHT	<b>1280 ± 50 g/l</b>	
VISCOSITY AT 20°C	<b>20.000 + 2.000 cP</b>	
ASPECT	<b>Satiny</b>	
DRYING AT 20°C	TOUCH DRY	<b>2 hrs</b>
	THROUGH DRYING	<b>48 hrs</b>
CAPILLARY WATER ABSORPTION (UNI EN 1062-3)	<b>Class W3 0,040 kg/m<sup>2</sup> h<sup>0,5</sup></b>	
WATER VAPOUR PERMEABILITY (UNI EN 1062-1)	<b>Class V2 Sd = 0,14 m</b>	
VAPOUR DIFFUSION COEFFICIENT	<b>μ = 720</b>	
STRETCHING BEFORE BREAKAGE	<b>+ 150%</b>	
CRACK RESISTANCE A-10°C (UNI EN 1062-7)	<b>Class A3</b>	

## YIELD

Approx 3,3 m<sup>2</sup>/l per 2 layers.

## TENDER SPECIFICATION ITEM

### QUARTZ ELASTOMERIC ALGAE RESISTANT PAINT

Application on pretreated surfaces of two layers of elastomeric paint based on synthetic polymers in aqueous emulsion, light-fast & weatherproof pigments, silicon fillers, ideal for the treatment of internal/external mural surfaces with micro-fissures type ARDELAST QUARZO with a minimum consumption of 0,3l/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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