



CODE 0.563.

ardelast quarzo

Algae resistant acrylic-siloxane elastomeric quartz paint

GENERAL PROPERTIES

ARDELAST QUARZO, thanks to a remarkable elasticity - even in low temperatures - is specific for the restoration of walls with micro crazes. Compared to traditional elastic products, it offers a low dirt pick-up thanks 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:

- Walls, 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/m².
- 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 release containers to the environment after use.
- Refer to the PSDS for further information.

TECHNICAL DATA

SPECIFIC WEIGHT	1280 ± 50 g/l	
VISCOSITY AT 20°C	20.000 + 2.000 cP	
ASPECT	Satiny	
DRYING AT 20°C	TOUCH DRY	2 hrs
	THROUGH DRYING	48 hrs
CAPILLARY WATER ABSORPTION (CYCLE)	0,040 kg/m ² h 0,5	
WATER VAPOUR PERMEABILITY	Sd = 0,14 m (200 micron)	
VAPOUR DIFFUSION COEFFICIENT	μ = 720	

Application cycles in compliance with the UNI EN 1062-7

Type of crack (mm)	Class min	Cycles	
		Primer	Finish
Below 0,25	A2	1 hand PG7 FONDO COPRENTE	2 hands ARDELAST QUARZO
Between 0,25 & 0,5	A3	1 hand PG7 FONDO COPRENTE	2 hands ARDELAST QUARZO
Between 0,5 & 1,25	A4	1 hand PG7 FONDO COPRENTE	3 hands ARDELAST QUARZO

YIELD

Approx 3,3 m²/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 treating surfaces with micro crazes in compliance with the UNI EN 1062-7 classes - type ARDELAST QUARZO with a minimum consumption of 0,3l/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.

Revision 2016/07



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