



ard f.lli raccanello s.p.a.

industria vernici e smalti

TECHNICAL CARD **73**

CODE 0.550

quarz paint acrilico

Quartz fine acrylic emulsion paint

GENERAL PROPERTIES

QUARZ PAINT ACRILICO is a quartz fine emulsion paint. The acrylic resin used as a binder lends an excellent resistance to alkali & atmospheric agents together with a remarkable adherence.

QUARZ PAINT ACRILICO features an optimum filling power & matt aspect, the silicon fillers impede cracking, scaling and favour breathability.

Its specific broad-spectrum biocides lend an effective protection against the spreading of algae, fungi & mould on the dry film applied to the wall.

These remarkable properties together with the optimum covering power, brushability, scrubbing & wash resistance make this finishing product specific for the protection & decoration of new buildings & refurbishing.

INSTRUCTIONS

Substrate preparation:

- **Bare walls:** allow 28 days weathering, clean thoroughly & remove any unsound parts. Ensure the wall is perfectly dry and apply a coat of ISOLEX W, ISOLEX (ready for use), ARDFIX (diluted appropriately) or PRIMER RIEMPITIVO COPRENTE. Allow 12 or 4 hours respectively and apply QUARZ PAINT ACRILICO.
- **Unsound painted walls:** remove any unsound paint & efflorescence. Treat mould with ARDSAN RISANANTE MURALE 0.916. Stucco any major imperfections with ARDPLAN AS or ARDPLAN BS. Clean thoroughly, ensure the wall is perfectly dry and seal the surface with a hand of ISOLEX W, ISOLEX or PAINTGUM 7 FILL on dark/uneven coloured surfaces. Treat heterogeneous surfaces with PRIMER RIEMPITIVO COPRENTE, RASANTE A PENNELLO or RASARD.

Allow 12 hrs & apply 2 layers of QUARZ PAINT ACRILICO.

Application:

Apply QUARZ PAINT ACRILICO as follows:

- Brush: stir well, dilute at 30% in water volume and proceed with the application. Apply the second coat, after no less than 3 hrs, diluting QUARZ PAINT ACRILICO at 25% in water volume.
 - Roller (wool or synthetic fibre): dilute at about 15% in water volume.
 - “Airless Spray” is not recommended due to the abrasive action of the silicon fillers.
 - Do not apply at ambient or substrate temperature below + 5°C or above +35°C; avoid application under direct sunlight.
 - After application external surfaces must be protected against rain until perfectly dry, usually after about 48 hours at 20°C.
 - Store in cool, frost free premises.
 - Wash tools and equipment immediately after use with water.
 - When different batches are used, we recommend mixing in order to avoid differences (even if slight) in shades.
 - Surfaces with salt efflorescence or subject to rising damp must be restored before application in order to guarantee adherence.
 - QUARZ PAINT ACRILICO is compatible with the 16COLOURS, & WIZARD tinting systems.
 - Use in compliance with the current Health and Safety Regulations. After use do not release containers into the environment. Allow residues to dry out and treat them as special waste.
- Refer to the PSDS for further information.

TECHNICAL DATA

SPECIFIC WEIGHT	1480 - 1650 g/l	
VISCOSITY AT 20°C	22.000 ± 20000 cP	
NATURE OF THE BINDER	Acrylic copolymers	
WATER VAPOUR PERMEABILITY (DIN 52615 WET-CUP)	WDD=330,7 g/m ² 24 hrs	
THICKNESS OF THE EQUIVALENT LAYER	Sd=0,065 m	
CAPILLARY WATER ABSORPTION (DIN 52617)	W=0,253 Kg/m ² √t	
RESISTANCE TO ULTRAVIOLET RAYS *	Sup. to 3° grade of the Grey scale	
RESISTANCE TO ALKALI *	No structural and chromatic variation	
DRYING AT 20° C	TOUCH DRY	2 hrs
	THROUGH DRYING	48 hrs

YIELD

A two coat painting cycle provides a coverage of about 4,5 m²/l. The said coverage refers to smooth and medium absorbing substrates; we recommend testing on the specific substrate.

SPECIFICATION

FINE QUARZ ACRYLIC EMULSION PAINT

Two coat application of quartz fine acrylic emulsion paint based on copolymers in aqueous dispersion, light & exterior resistant quartz & pigments type QUARZ PAINT featuring: capillary water absorption in compliance with the EN Regulation 1062-3 $W \leq 0,2 \text{ Kg/m}^2 \text{ h. } 0,5$; water vapour permeability in compliance with the EN ISO Regulation 7783-2 $SD \leq 0,14$ metres and a minimum consumption of $0,22 \text{ l/m}^2$.

€/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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