



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

TECHNICAL SHEET 90

CODE 1.623.

intonaclima 0,5 mm

Algae resistant acryl-siloxane rustic coating

GENERAL PROPERTIES

INTONACLIMA 0,5 mm is an acryl-siloxanic coating for walls.

The product lends a remarkable resistance to atmospheric agents & alkali, optimum adherence, elasticity, applicability & working. The particular granulometric curve of the inert fillers offers a finish similar to two-coat plaster work as well as a low dirt pick-up. The lightfast pigments impede discolouration even on walls exposed to radiation & weather extremes. It also contains specific additives which inhibit algae & mould growth.

INTONACLIMA 0,5 mm is ideal for the protection of urban buildings in two coat plaster work, cement mortar renders (finished or not), gypsum plaster for interiors & smooth compact prefabricated concrete structures.

INSTRUCTIONS

Substrate preparation:

- Bare surfaces: ensure the substrate has weathered for at least 28 days. Clean thoroughly & remove any unsound paintwork. Ensure the wall is perfectly dry & apply a hand of ready ISOLEX W, ISOLEX or a layer of ARDFIX suitably diluted (1 part of product in 8 parts of water). Allow 12 & 4 hrs respectively, even any imperfections (holes, cracks etc) with ARDPLAN AS or ARDPLAN BS and apply INTONACLIMA 0,5 mm.
- Unsound painted surfaces: remove any unsound paintwork and efflorescence. Treat mould with ARDSAN RISANANTE MURALE. Clean thoroughly, ensure the wall is perfectly dry and fix the surface with a hand of ISOLEX W or ISOLEX. Allow 12 hrs, stucco the large imperfections (holes, cracks etc.) with ARDPLAN AS or ARDPLAN BS & apply INTONACLIMA 0,5 mm.
- Surfaces with unsound plastic coatings/embossed plaster: remove any unsound paintwork & efflorescence. Treat mould with ARDSAN RISANANTE MURALE. Clean thoroughly and seal the whole surface with a layer of ISOLEX W or ISOLEX. Allow 12 hrs, accurately level the substrate and apply INTONACLIMA 0,5 mm.
- When finishing products with a limited covering power are employed we suggest using PRIMER RIEMPITIVO COPRENTE 0.075 (refer to the formulary for shades).

Application:

- INTONACLIMA 0,5 mm is ready for use and does not require thinning. Stir well until uniform & apply a single coat using a steel float. Allow 12 hrs and apply the second coat using the same method.

Before the product “films”, use a plastic/sponge trowel to smooth the surface and obtain the desired effect.

- Do not apply at ambient/substrate temperatures below + 5°C or above 35°C. Avoid applying in direct sunlight.
- After application, exterior surfaces must be protected from rain until perfectly dry, usually after 48 hrs at 20° C.
- Wash equipment immediately after use with water.
- Walls with efflorescence or subject to rising damp must be restored before application in order to guarantee adherence.
- When different batches are used, we recommend mixing the products accurately to avoid differences in colour.
- When applying on extensive surfaces apply “wet-on-wet” to avoid shadowing.
- Store in cool, frost proof premises.
- Use in compliance with the current Health & Safety regulations. Dispose of spent material/containers according to the same.
- INTONACLIMA 0,5 mm can be tinted with the 16COLOURS tinting system pastes.
- Refer to the PSDS for further details.

TECHNICAL PROPERTIES

NATURE OF BINDER	Acryl siloxanic polymers		
COLOUR	Tinting system hues		
MASS VOLUME	1700 - 1790 g/l		
DYNAMIC VISCOSITY	160.000 ± 220.000 cP		
UV RESISTANCE	Sup. 3 rd 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 _d	0,375 m
		Class	V ₂ (average)
CAPILLARY ABSORPTION & WATER PERMEABILITY	EN1062-3	W	0,048 kg/m ² √t
		Class	W ₃ (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	λ10DRY [W/MK]	1,013
FLASH POINT	EN 13501-1		Class C
HAZARDOUS SUBSTANCES		RESULT	Complies

In compliance with the UNI EN 15824 CE Marking

YIELD

Coverage varies from 0,5 to 1m²/kg according to the conditions of the substrate & desired thickness.

TENDER SPECIFICATION ITEM

ALGAE RESISTANT ACRYLIC-SILOXANE RUSTIC COATING

Float application on pretreated surfaces of rustic pigmented coating based on binders in aqueous dispersion, mineral chargers & outdoor resistant light-fast pigments type INTONACLIMA 0,5 mm - with a consumption varying from 1 to 2 kg/m² according to the conditions of the substrate & desired thickness.

€/m²



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