



CODE 1.624

Rebuild Intonaclima L

elastomeric acryl-siloxane algae resistant lightweight coating with a 1,5 mm granulometry

GENERAL FEATURES

REBUILD INTONACLIMA L is a cutting-edge lightweight coating for external walls.

It contains special microspheres in total recycled glass, created from selected pieces of glass no usable anymore to manufacture new bottles and glasses.

Reduced weight up to 25% on the wall compared to a normal primer of same granulometry, with great elastomeric features (A4 class for UNI 1062-6), resistant to molds and algae according to UNI EN 15457 and UNI EN 15458, REBUILD INTONACLIMA L results ideal for restoration works on old ETICS coats too.

It features HALS technology (Hindered Amine Light Stabilizer) against the damage by UV rays and weather extremes.

The product has a great adherence, a high hiding power of the support and a good shock resistance.

The REBUILD FONDO L + REBUILD INTONACLIMA L system represents a cutting edge and sustainable repair cycle on old damaged ETICS systems.

INSTRUCTIONS

Substrate preparation

- Walls with damaged ETICS: verify the old ETICS was adherent to the wall. Apply two layers of REBUILD FONDO L, putting inside the first the 150 gr/mq Ardcoat fiberglass mesh, according to the instructions reported in the technical data sheet. When dry, apply REBUILD INTONACLIMA L.
If the wall is chalked, apply before the first layer of REBUILD FONDO L a layer of ISOLEX W.
- New walls: be sure the support had at least 28 seasoning days; clean thoroughly and remove any unsound paintwork, any dust and dirt. Verify the wall was perfectly dry and apply a layer of ISOLEX W or ISOLEX. When dry, even any surface imperfection (holes, cracks etc.) with ARDPLAN AS/BS. With surfaces really smooth and/or low-absorbent it is recommended to apply a layer of RASANTE A PENNELLO to stop the excessive rolling of the finish aggregates and guarantee the expected esthetical result.
Allow 6 hours apply REBUILD INTONACLIMA L.
- 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 hours and stucco the large support imperfections with ARDPLAN AS/BS and apply REBUILD INTONACLIMA L.

- Surfaces with unsound plastic coatings or embossed plaster a little bit unsound: remove any unsound parts. Remove the efflorescences if present, and if mould, treat with ARDSAN RISANANTE MURALE. Clean thoroughly and seal the whole surface with a layer of ISOLEX W or ISOLEX.
Allow 12 hours and accurately even the substrate, apply REBUILD INTONACLIMA L.
- When finish with limited coverage hues, it is recommended the use of RASANTE A PENNELLO as primer in the same hue of the finish.

Application

- REBUILD INTONACLIMA L is ready to use and it does not require a further dilution. Stir well until uniform & apply a single coat using a steel or plastic float. Before the product “films”, smooth by trowel the surface to uniform the thickness.
- Do not apply at ambient/substrate temperatures below +5°C or above +35°C C and with a U.R. more than 85%; avoid applying in direct sunlight or with strong wind.
- 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.
- The lightweight charge from recycling that is in the product, can create on some hues nuances lightly different compared to the same hue realised in traditional coatings or paints. So it is not recommended to match with other type of products in the same hue.
- 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.
- Walls with efflorescence or subject to rising damp must be restored before application in order to guarantee adherence; so a previous intervention to restore the wall is needed.
- Store in cool, frost proof premises.
- REBUILD INTONACLIMA L is a product tinted with the tinting system paste 16COLOURS and WIZARD.
- Use the products according to Health & Safety regulations; after use dispose of spent material/containers according to the same.
For further information refer to the safety data sheet.

TECHNICAL DATA

NATURE OF BINDER	Acryl siloxanic polymers		
COLOUR	White and tinting system hues		
MASS VOLUME	1420-1520 g/l		
DYNAMIC VISCOSITY	140.000 – 200.000 cP		
DRYING AT 20°C	ASCIUTTO AL TATTO		4 hrs
	SECCO IN PROFONDITÀ		48 hrs
ALKALI RESISTANCE	No structural/chromatic variation		
PERMEABILITY (WATER VAPOUR)	EN ISO 7783-1 E 2	S _d	0,567 m
		CLASS	V₂ (average)
CAPILLARY ABSORPTION & WATER PERMEABILITY	EN 1062-3	W	0,080 kg/m² √t
		CLASS	W₃ (low)
ADHESION FOR DIRECT TRACTION	EN 1542	RESULT	Compliant (adhesion ≥ 0,3Mpa)
DURABILITY	EN 13687-3	RESULT	Compliant (adhesion ≥ 0,3Mpa)
THERMAL CONDUCTIVITY (VAL. TAB P=90%)	EN 1745	λ _{10DRY} [W/MK]	0,89
FIRE REACTION	EN 13501-1	CLASS	A2-s1, d0
MOULD RESISTANCE	EN 15458	RESULT	Compliant
ALGAE RESISTANCE	EN 15457	RESULT	Compliant
CRACK RESISTANCE	EN 1062-7	CLASS	A2
DANGEROUS SUBSTANCES		RESULT	Compliant

The product satisfies the specifics of CE mark in compliance to the norm UNI EN 15824

TECHNICAL DATA REBUILD FONDO L (2 layers with mesh) + REBUILD INTONACLIMA L SYSTEM

FIRE REACTION	EN 13501-1	CLASS	B-s1, d0
SHOCK RESISTANCE *	UNI EN ISO 7892	RESULT with 3J AND 10J	Classe I

* **Tests on the Rebuild system have shown a great resistance to 30J shocks too**

YIELD

The yield of REBUILD INTONACLIMA L is about 0,44 m²/kg.
The consumption indicated refers to smooth and averagely absorbant supports. It is recommended to determinate the yield with a practical test on the specific support.

TENDER SPECIFICATION ITEM

ALGAE RESISTANT ACRYL-SILOXANE LIGHTWEIGHT COATING
1,5 mm GRANULOMETRY.

Application by float, on pretreated surfaces, of lightweight coating with microspheres in recycled glass, marked CE according to EN 15824 and in class A2 for resistance to cracks according to EN 1062-7, type REBUILD INTONACLIMA L, with a minimum consumption of 2,25 kg/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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ard raccanello s.p.a.

35129 PADOVA – Zona Ind.le Nord 1^a Strada, 13 – Tel. 049.8060000 (5 linee)
Fax 049.773749 – www.ard-raccanello.it - E-mail: assistenza@ard-raccanello.it