



CODE 1.556

ard lime intonachino 1mm

Mineral lime-putty based plaster

GENERAL PROPERTIES

ARD LIME INTONACHINO is a mineral plaster formulated with mature lime putty. Its suitable for old/new lime/cementitious plastering when a plaster effect finish is desired, or as a primer when using ARD LIME R or RASATO on uneven mineral surfaces. The inorganic composition makes it particularly suitable for the restoration of listed buildings. It lends perfect protection, filling & maximum vapour breathability.

The Class A+ classification guarantees the highest standards to reduce the content of volatile substances considered harmful for health/environment:

CLASS OF EMISSION	C	B	A	A+
Formaldehyde	> 120 µg*m ³	< 120 µg*m ³	< 60 µg*m ³	< 10 µg*m ³
Acetaldehyde	> 400	< 400	< 300	< 200
Toluene	> 600	< 600	< 450	< 300
Tetrachlorethylene	> 500	< 500	< 350	< 250
Xylene	> 400	< 400	< 300	< 200
1,2,4-Triethylbenzene	> 2000	< 2000	< 1500	< 1000
1,4-Dichlorobenzene	> 120	< 120	< 90	< 60
Ethylbenzene	> 1500	< 1500	< 1000	< 750
2-Butoxyethanol	> 2000	< 2000	< 1500	< 1000
Styrene	> 500	< 500	< 350	< 250
Total VOC	> 2000	< 2000	< 1500	< 1000

ARD LIME INTONACHINO complies with the limits set forth in the French Decree N° 321/2011 dated 23.03.2011 & Order of 19.04.2011 (Class A+) based on emission after 28 days.

INSTRUCTIONS**Surface preparation:**

- Clean & brush the surface, eliminating dust, filth & any unsound parts. Keep the substrate wet during application to prevent cracking.
- Chalky walls: pretreat with ISOREST (mineral impregnating agent) diluted 1:1 with water. Use the quantity necessary to consolidate the surface.

Application:

ARD LIME INTONACHINO is ready for use & does not require thinning.

- Wet the substrate thoroughly with water and apply using a stainless steel float avoiding excessive use. Before drying begins, even the surface with a sponge trowel, wetting if necessary, until a plaster effect is obtained.
- The final shade depends on the weather, thickness uniformity & absorption of the substrate. The chromatic shades may alter if different batches are used.
- ARD LIME INTONACHINO is compatible with the 16COLOURS tinting systems.
- Wash equipment immediately after use with water.
- Apply ARD LIME INTONACHINO with temperatures in the range of +5°C & 35°C. After application exteriors must be protected against heavy rain for at least 48 hrs.

- Store at ambient temperature (+5°C/40°C) in the original sealed containers.
- Store under frost proof conditions.
- If stored for long periods (over 3-4 months), ARD LIME INTONACHINO tends to thicken, so stir/shake well before applying.
- Avoid contact with skin & eyes; in case of contact, wash immediately with water.
- Wear gloves and protective eye wear.
- Use in compliance with the Current Health & Safety Regulations. Dispose of spent material/containers according to the local regulations.
- Refer to the PSDS for further details.

TECHNICAL PROPERTIES

TYPE OF BINDER	modified mature lime putty with synthetic binder in aqueous emulsion
SPECIFIC WEIGHT	1730 ± 50 g/l
VISCOSITY AT 20 °C	120,000 ± 30,000 cps ready product
DRYING AT 20 °C *	12-18 hours

* The final properties are obtained after 3-4 weeks, which is the time required for lime carbonation.

YIELD

The coating cycle implies a yield of approx. 0.5 m²/kg for a wet thickness of approx. 1 mm. The practical yield varies according to the type/condition of the substrate.

TENDER SPECIFICATION ITEM

MINERAL LIME PUTTY BASED PLASTER FOR EXTERIORS

Float application on pretreated walls of mineral plaster based on calcium hydrate, synthetic resins, siliceous extenders with various particle size and lightfast outdoor-resistant pigments type ARD LIME INTONACHINO with a minimum consumption of 2 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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