

**CODE 1.558****ard lime****Lime putty based mineral paint for interiors & exteriors****GENERAL PROPERTIES**

ARD LIME is a mineral paint based on extremely fine seasoned lime putty, synthetic binders & natural inert fillers. It can be considered a "lime whitener" formulated with the most advanced technologies. It never chinks, is permeable to water vapour & offers a remarkable resistance to mould & bacteria.

ARD LIME offers a matt finish, simple application, optimum breathability & a reasonable resistance to scouring. ARD LIME is ideal for the interior/exterior decoration of listed buildings & buildings of architectural interest. The use of lime based paints is not recommended in industrial environments or on surfaces exposed to extreme rain.

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 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**Substrate preparation:**

Bare plaster: brush & apply two or three hands of ARD LIME, we recommend wetting particularly dry services.

Application:

Brush-roller: thin with 25-35% water weight.

- Avoid contact with skin and eyes; in case of contact, wash immediately with water.
 - Wear gloves and protective eye-wear.
 - Use the product in compliance with current Health and Safety Regulations. Dispose of spent material/containers according to the same.
 - ARD LIME is one of the 16COLOURS & WIZARD tinting systems' products.
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- Do not apply when ambient or substrate temperature is below + 5°C or above +35C. Avoid application in direct sunlight. Outdoor surfaces must be protected against rain until perfectly dry (normally after 48 hrs at 20°C).
 - Store in a cool dry place, above freezing.
 - Wash tools and equipment immediately after use with water.
 - When different batches of colour products are used, we recommend mixing together in order to avoid slight variations in the shades.
 - Preventive wall restoration is necessary in order to guarantee substrate adhesion when the product is applied to surfaces with salt efflorescence or subject to ascending humidity.

Refer to the PSDS for further details.

TECHNICAL PROPERTIES

TYPE OF BINDER	modified mature lime putty with synthetic binder in aqueous emulsion	
SPECIFIC WEIGHT	1,370 ± 50 g/l	
VISCOSITY AT 20 °C	16,000 ± 2000 cP	
DRYING AT 20 °C *	TOUCH DRY	After approx. 2hrs

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

YIELD

The cycle implies a yield of about 6-8 m²/kg per hand. We suggest at least 2 or 3 hands at an interval of 3-4 hrs.

Said yield refers to smooth substrates featuring medium absorption; it is best to determine the same by testing on the specific substrate.

TENDER SPECIFICATION ITEM

INTERIOR/EXTERIOR LIME PUTTY BASED MINERAL PAINT

Application on treated mural surfaces of lime putty based mineral paint, synthetic binders & lightfast outdoor-resistant pigments, type ARD LIME with a consumption of approx 0,17 kg/m² per hand.

€/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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