



## LG 136

### Gypsum-based finishing skim coat



#### Product Description

Dry premix based on gypsum, hydrated lime, limestone aggregate and specific additives to improve processing and adhesion.

#### Supply and storage

LG 136 is supplied in 20 kg bags on stretchable pallets.

Store in a cool, dry and non-ventilated place. Keep the packaging intact.

#### Fields of use

LG 136 can be used as a smoothing coat for gypsum-plastered surfaces (like our GS 08); it can also be used as a finishing coat for hydraulic lime-binder plasters, well cured as long as they are free from dust, efflorescence, oils and grease.

LG 136 must not be applied on painted or inconsistent and crumbling substrates. Do not apply directly on concrete and renovation plasters and in rooms or environments with humidity levels. In any case, avoid outdoor use.

# LG 136

## Substrate preparation and application methods

Surfaces must be even, uniform and free from dust, oil and grease. Concrete or particularly smooth surfaces must be treated with our PRG 101 of the arteMURI line. In presence of discontinuity elements, an alkali-resistant glass fiber net must be inserted in the smoothing layer. For the application, proceed as follows: prepare the mix dosing about 70 lt of water for 100 kg of dry product. Shake without creating lumps that would prejudice the following application and let it rest for about 15 minutes. The mixture so prepared can be used in the hour in order to avoid problems of "flaking" during the painting phase. Apply with a metal trowel in two or more coats crossing the application direction until a smooth surface without joints and overlaps is obtained. LG 136 must be applied in a uniform thickness not less than 3 mm. Any imperfections in the substrate must be eliminated by applying the product itself and allowing it to harden before the next coat. For multi-layer applications, wet-on-wet application is recommended. In order to guarantee perfect drying of the finishing layer, it is advisable to ventilate the room thoroughly. Before painting, the surface treated with LG136 must be perfectly dry and prepared with a suitable fixing agent.

## Specifications

The internal plaster to be finished must be clean and any loose or unstable parts must be removed. On the support thus prepared, apply LG 136 gypsum-lime smoothing plaster by Fornaci Calce Grigolin, pre-mixed dry plaster based on carefully selected inert materials, air binders and specific additives to improve workability and adhesion at a rate of 1 kg/m<sup>2</sup> per mm of thickness. The finish must be applied when the product has hardened, applying several coats using the metal spatula, possibly moistened, until a completely smooth and mirror-like surface is obtained.

## Warnings

Do not mix LG 136 with other substances. Avoid large temperature fluctuations during the setting phase. Protect the product from frost and rapid drying. Do not use LG 136 at temperatures below +5°C and above +35°C. Do not apply on inconsistent or painted substrates. Do not use outdoors or over dehumidifying plasters and in presence of substrates with humidity higher than 2.5%. LG 136 must not be covered with non-breathable coatings or paints, as they prevent carbonation and possible evaporation of residual humidity from the substrate.

# LG 136

TECHNICAL DATA according to norm UNI EN 998-1	PERFORMANCE
Density of fresh dough	1.530 kg/liter
Maximum diameter	less than 0.2 mm
Mixing ratio	about 70%
Water retention	above 80%
Hardening time in the gabour	About 1 h
Thickness application	less than 3 mm
Theoretical consumption for 1 mm of thickness	1,0 kg/m <sup>2</sup>
Coefficient of resistance to water vapor	$\mu = 8$
Adherence on cement-lime based plaster	higher than 0.3 N/mm <sup>2</sup>
Fire Reaction	incombustible
Bending strength	2,5 N/mm <sup>2</sup>
Compressive strength	5,0 N/mm <sup>2</sup>
Hardened plaster density	1,030 Kg/liter

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I dati riportati si riferiscono alle prove di Controllo Qualità in condizioni ambientali normalizzate. Applicazioni pratiche di cantiere a seconda delle condizioni di esercizio possono rilevare dati sensibilmente modificati, pertanto le informazioni presenti nella Scheda hanno valore puramente indicativo in quanto l'utilizzatore deve sempre verificarne l'idoneità nell'impiego del prodotto assumendosi la responsabilità derivante dall'uso. Fornaci Calce Grigolin S.p.A. si riserva di apportare modifiche tecniche di qualsiasi genere senza alcun preavviso.