



STUCCO ITALIANO SRL

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## Technical Data sheet

# LAVA

## Fine natural mineral lime finish

Name	LAVA STUCCO	
Description	natural mineral lime base wall covering for high decorative finish on interior and exterior surfaces.	
Composition	aged, finely filtered slaked lime putty, special powdered marble granules sifted and powder from vulcanic stones elected according to granule size of 000 = mm. 0.0 ÷ 0,7, water and special additives (no more than 2,5% total in wet volume)	
Type of Surface to be Covered		
New	plaster	no priming necessary
	gypsum	one coat of <b>Quartz Primer</b>
	plasterboard	one coat of <b>Quartz Primer</b>
	medium density	one coat of <b>Quartz Primer</b>
Old	old plaster	one coat of <b>Normal Primer</b>
	distemper/fast-drying	brush down thoroughly and one coat of <b>Normal Primer</b>
	limewash	brush down thoroughly
	polished lime finish	sandpaper, brush down and one coat of <b>Quartz Primer</b>
	washable paint	one coat of <b>Quartz Primer</b>

Performance	excellent very high decorative effect good drying capacity excellent natural anti-mould and mildew very high adhesion to support good coating capacity excellent filler properties excellent workability	
Appearance	It is a white paste which can be worked in rough o smooth finish. It is a very hard plaster once dry.	
Colours	white, but any colour colour possible from our chart of <b>Colouring System</b>	
Packaging	20 kg. net	polyethylene containers
Packaging	16 kg. net	polyethylene containers

## TECHNICAL DATA

Application	by hand, with a steel trowel and brush trowel	
Dilution	none: ready-to-use paste	
Consumption	2,000 to 2,800 kg/sq.m. depending on the finish	
Drying (carbonation)	4 hours at 20°C 48 hours at 20°C 180 days	to the touch below the surface stable
Application Temperatures	min. 5 max 30°C - U.R. < 85 % ca.	
Specific weight	1,590 ± 50 (gr/LT.)	
Volumetric Mass	1,690 ± 60	
Viscosity	200,000 ± 25,000 CPS = 20° C (white)	
Fade resistance	resistant/non-resistant (ASTM norms)	
pH after 30 days	12.4 ± 0,20	
Vapour resistance	μ 24 ± 2 average (ASTM norms)	
Vapour permeability	gr/m <sup>2</sup> x 24 h = 260 ± 30 (ASTM norms)	
Inflammability	non-flammable	
VOC Classification	As per Dir. 2004/ 427 EC, Cat . A/c: Paints for exterior walls of mineral substrate. Eu limit 75 g/l (2007) 40 g/l (2010). This product contains 0 g/l of Voc.	
Shelf Life	48 months	
Storage Suggestions	Product maintains its characteristics best if protected from extreme heat or cold. Avoid freeze.	
Safety Norms	Lime products are caustic. In case of contact with eyes or skin, rinse thoroughly with water. Keep out of reach of children.	
Disposal	Product must be disposed of according to norms and regulations in force. Containers must be sent for recycling.	

## **INSTRUCTIONS FOR *LAVA STUCCO***

Lava Stucco is a very versatile material that can be used for a variety of finishes. It is less absorbent than normal lime plaster and therefore is easy to use as a base coat for veiling. Most of our Lava finishes are made with this stucco covered with Pearl Cream applied either with the 'Veiling' technique or applied with spatula or trowel, like the Lava Metallic series.

It is quite heavy duty and can therefore be used for finishes which need to be sanded such as our finishes made with 'Mother-of-Pearl' or 'Bark'. Because it's so robust, it can also be used in finishes which have lines in relief that with weaker plasters could be damaged more easily. One such finish is our 'Rain' which is made with a brush trowel.

Please, see our videos for all the Lava applications

We have drawn up the material presented above to the best of our technical and experiential knowledge. Nevertheless, our suggestions and recommendations are not guaranteed. We reserve the right to make modifications to the present information without previous warning.