

Technical Data Sheet

Lava

Fine natural mineral lime finish

Product description: Natural mineral lime base wall covering for high decorative finish on interior and exterior surfaces.

Name: LAVA



Contents: aged, finely filtered slaked lime putty, special powdered marble granules sifted and powder from volcanic 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 Quartz Primer
plasterboard	one coat of Quartz Primer
medium density	one coat of Quartz Primer



Old

old plaster	one coat of Universal Primer
distemper/fast-drying	brush down thoroughly and one coat of Universal Primer
limewash	brush down thoroughly
polished lime finish	sandpaper brush down and one coat of Quartz Primer
washable paint	one coat of Quartz Primer



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 or smooth finish. It is a very hard plaster once dry.



Colour:

white, but any colour possible from our chart of **Colouring System**

Packaging:

24 kg. net polyethylene containers



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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 to the touch
48 hours at 20°C below the surface
180 days 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: $\alpha 24 \pm 2$ average (ASTM norms)

Vapour permeability: $\text{gr/m}^2 \times 24 \text{ h} = 260 \pm 30$ (ASTM norms)

Inflammability: non-flammable



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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.



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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 or Velatura 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.**