

Technical Data Sheet

DOLOMIA in Powder form

Lime based wall stucco for interior and exterior

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



Name: DOLOMIA

Contents: Powdered hydrated lime (27%), marble dust aggregate with variable particle size and special additives (less than 2,4% total in wet volume) and golden mica

Type of Surface to be Covered:
New

lime and sand plaster: no priming necessary gypsum: one coat of **Quartz Primer** or **Universal Primer**

Old

plasterboard one coat of **Quartz Primer** or **Universal Primer**

medium density one coat of **Quartz Primer** or **Universal Primer**

lime and sand plaster: brush down thoroughly and use one plenty coat of **Universal Primer** acrylic paint: no priming necessary

Colour: white, with all the colours from our **Color Chart** as possibility

Dilution: water must be added to obtain a paste easy to be applied. It can vary depending on the wall's absorption – the average dilution is 27%

Theoretical Yield: 2,1/2,3 kg per sq.meter

Drying: first coat: 6/7 hours at 20°C (68°F) to the touch 10-14 hours at 20°C (68°F) below the surface 150 days stable

Additional coats: 18 hours at 20°C (68°F) minimum

Temperatures: min. 6°C (46°F) max 32°C (90°F) - U.R.< 90 % ca.

Specific weight: 1,580 ± 40 (gr/LT.) of wet product

pH after 30 days: 12.4 ± 0,20

Vapour resistance: μ 24 ± 2 average (ASTM norms)



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Vapour permeability	oz/ft ² x 24 h = 0.8520 ± 0.0983 (ASTM norms)
Coat Thickness:	mm 2,1-2,4 - total 2 coats
Inflammability:	non-flammable Fire, Smoke & Explosive hazards Fire Growth Rate Index-04: Class O British and Class B Euroclass Smoke Growth Rate Index: Class O British and Class B Euroclass Non combustible material. Tests carried out in accordance with BSEN 13823:2002
Scrub Test Resistance:	ASTM D 2486-06 method A. It was used scubing fine sand + metallic brush for >10.000 cycles
Mold/Mildew Resistance:	ASTM D 3274 – “Standard Test Method to evaluate the degree of surface disfigurement of paint by microbial, fungal and algal growth Result: Front Panel 10/10/10 Back Panel 10/10/10 = no growth
Hardness by Pencil Test:	ASTM D3363 - Pencil hardness 6H
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:	18 months
Storage Suggestions:	Product maintains its characteristics best if protected from humidity and excessive hot..
Packaging:	kg 20,0 in paper bag and kg 16 in plastic tubs
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 can be recycled.



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Pour the powder into clean water and mix accurately. The material has to be diluted with about 26-27% of water. It can be colored with our colouring system.

The material, once mixed with water, remains wet and ready to use for several months. Just be sure that it doesn't dry. You can keep it covered with a veil of water.

First coat: Apply with a metal trowel being careful to apply evenly over the entire surface. Let it dry completely before applying the second one. It is suggested you to make quite even the first layer without big ridges (chatters).

Second Coat: Apply, being careful to proceed seamlessly from one work area to another. A few minutes after applying the second coat, wipe over the entire surface with a dry sponge float to make the surface uniform. It may be best to perform this step twice: once immediately after application of Dolomia, and then again after a few minutes. The dry sponge trowel can be scraped clean with a metal trowel from time to time.

When it is dry ...70-75% it is time to press the surface with the blade edge of the trowel. If you press it too early it becomes so smooth as Marmorino, if you press too late you do not get any change. The proper time makes the mica flakes in evidence. The best is to get some small areas quite smooth and some rough in alternance.

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.