



STUCCO ITALIANO SRL

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Technical Data Sheets

DILAVATO

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Lime based wall stucco for interior and exterior

Name	DILAVATO (<i>Fine, Medium, Coarse</i>)
Description	Natural mineral lime based wall covering for decorative finish on interior and exterior surface. This plaster mimics antique plaster which has weathered over time. The presence of grains of marble of varying colors which rise from the matte surface of the plaster makes this a very precious and impressive stucco. Available in Fine, Medium, Coarse sizes
Composition	finely filter hydrated and hydraulic lime, grains of costly colored marble (special powdered marble granules sifted and selected according to granule size of 000 = 0.0 - 0.118 inch), it depends on the size, and special additives (no more than 3% total in volume).
Performance	excellent decorative effect excellent drying capacity excellent natural anti-mould and mildew excellent coating capacity excellent workability
Appearance	This is a plaster for exteriors and interiors mimicking antique plaster which has weathered over time. The presence of grains of marble of varying colors which rise from the matte surface of the plaster makes this one of the most precious and impressive stuccos
Colours	Four colors: white, pale yellow, okra, light red. But any color is available on request

Type of Surface to be Covered

New	The ideal substrate on which to apply Dilavato is scratch mortar composed of lime and sand, (a little cement in it is possible)
Old	old already painted plaster brush down thoroughly and one coat of Quartz Primer . Be sure the old paint cannot peel off before applying the primer
Packaging :	kg 25,0 lbs.55.125 net - paper and plastic bags
Dilution:	water must be added to obtain a paste easy to be applied. It can vary depending on the wall's absorption
Theoretical Yield -	6/7 kg per sq.meter per sq.m. with Coarse Size grain - 3,5/4 kg per sq.meter Small Size grain
Drying (carbonation)	first coat: 3-6 hours at 20°C (68°F) to the touch 8-14 hours at 20°C (68°F) below the surface 150 days stable
Additional coats	18 hours at 20°C (68°F) minimum
Application Temperatures	min. 5°C (41°F) max 32°C (90°F) - U.R. < 90 % ca.
Specific weight	14.15 ± 0.42 (lb/gal US)
Fade resistance	resistant/non-resistant (ASTM norms)
pH after 30 days	12.5 ± 0,20
Vapour resistance	μ 24 ± 2 average (ASTM norms)
Vapour permeability	oz/ft ² x 24 h = 0.8520 ± 0.0983 (ASTM norms)
Coat Thickness	mm 2 to 4 total for 2 coats
Inflammability	non-flammable
Shelf Life	12 months
Storage Suggestion	Product maintains its best characteristics if protected from damp.
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 recycled.

INSTRUCTION FOR APPLICATION

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Dilavato comes in powder form in plastic containers. The best way to mix it is in a cement mixer large enough to contain 5 or 6 sacks. This will allow you to plaster an entire wall with plaster which has the same density. You'll need a hose with a spray attachment ready to use.

If the temperature is too near freezing or too hot, do not apply. If the temperature is high, spray down the wall well with ample amounts of water before starting application. Add enough water so that the plaster is easy to apply (with a little experience you'll find which works best). The density depends on the personal preference.

The first coat: apply with a metal trowel starting on the upper corner of the wall. The thickness of this coat depends on the size of marble granules, but you should use about 3.5-4 kg per square metre (10.7 sq. ft.) Each sack should cover 7 sq. meters (74 sq. ft.) The second coat: once the first is completely dry (also below the surface), the second coat may be applied. If it is necessary you can spray the entire surface uniformly with ample amounts of water.

Apply the second coat like the first, being careful to work seamlessly from one area to the next.

Normally, it's best to have several people working at a time with one person for every 10-15 sq. m. (100-150 sq. ft.) As 1 or 2 people apply the plaster another follows smoothing out the surface with a sponge trowel, wet or dry.

When the application is finished and the plaster has begun to harden, begin the first washing of the surface. Be sure that the surface is hard enough so the plaster won't be washed away, but before it has begun to dry. Use a medium sized sponge trowel similar in size to the metal one previously used. Wet the sponge trowel well in a bucket of clean water. The idea is to wash off the top film of lime so that the small, colored marble granules are visible.

After washing off the wall leave it alone until the water has disappeared. This usually takes 30 minutes to 3 hours. In cold weather it may be necessary to wait overnight. The final washing should be done by 2 or 3 people always starting in an upper corner of the wall. 1 or 2 people using a large sponge and a bucket of clean water wash the surface until the colored marble granules are visible. The other person follows behind rinsing down the wall. Being careful to wash away all of the lime without leaving drip marks.



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Packaging	kg 25,0 lbs.55.125 net - paper and plastic bags
Dilution	water must be added to obtain a paste easy to be applied. It can vary depending on the wall's absorption
Theoretical Yield	- 6/7 kg per sq.meter per sq.foot. Medium Size grain - 3,5/5 kg per sq.meter per sq.foot. Small Size grain
Drying (carbonation)	first coat: 3-6 hours at 20°C (68°F) to the touch 8-14 hours at 20°C (68°F) below the surface 150 days stable
Additional coats	18 hours at 20°C (68°F) minimum
Application Temperatures	min. 5°C (41°F) max 32°C (90°F) - U.R. < 90 % ca.
Specific weight	14.15 ± 0.42 (lb/gal US)
Fade resistance	resistant/non-resistant (ASTM norms)
pH after 30 days	12.5 ± 0,20
Vapour resistance	μ 24 ± 2 average (ASTM norms)
Vapour permeability	oz/ft2 x 24 h = 0.8520 ± 0.0983 (ASTM norms)
Coat Thickness	0.100 - 0.135 inch total 2 coats
Inflammability	non-flammable
Shelf Life	12 months
Storage Suggestion	Product maintains its characteristics best if protected from damp.
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 recycled.



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