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Technical Data Sheets

DILAVATO ANTICO

Lime based wall stucco for interior and exterior

Name : **DILAVATO ANTICO**

Description : Natural mineral lime based wall covering for decorative finish on interior and exterior surfaces.

This plaster mimics antique plaster that 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.

Composition : Finely filtered, 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), and special additives (no more than 3% total in volume).

Performance : excellent decorative effect
excellent drying capacity
excellent natural anti-mold 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.

Colors : 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 apply one coat of **Quartz Primer**. Be sure the old paint cannot peel off before applying the primer.

Packaging : 44 lbs - 20Kg – Plastic Pail

Dilution: Water must be added to obtain a paste easy to be apply. It can vary depending on the wall's absorption.

Theoretical Yield : 6/7 kg for sq.mt. Medium Size grain - 3,5/5 kg for sq.mt. 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.

Vapor resistance : μ 24 ± 2 average (ASTM norms).

Vapor permeability : oz/ft² x 24 h = 0.8520 ± 0.0983 (ASTM norms).

Coat Thickness : Mm 2 to 4 total for 2 coats.

Inflammability : Non-flammable.

Shelf Life : 24 months.

Storage Suggestion : Product maintains its best characteristics if protected from moisture.

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 the norms and regulations in force. Containers must be recycled.

INSTRUCTION FOR APPLICATION

Dilavato Antico comes in powder form in plastic pails. The best way to mix it is in a cement mixer large enough to contain 5 or 6 pails. 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 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 pail should cover 6 sq. Meters (64 sq. ft.) The second coat: once the first is completely dry (also below the surface), the second coat may be applied. If 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.