

### **Intonaco Piatto (Smooth) "Fine Italian Lime Plaster"**

This Green Building Product is natural Italian limestone plaster made from a mixture of grinded minerals that include Limestone, Marble, other minerals and organic binders. This innovative product expressively developed to satisfy the needs for modern finishes. It's a product that competes with Marmorino for its wonderful absorption of color and different effects, but yet has its own traditional look. This Italian plaster is made from a mixture of grinded stone, which includes Limestone, Marble, and other natural binders and minerals. The granular size of these particles range from 250-300 microns / .25 - .30 mm, and as a result will provide a matt or smooth surface. This product can also be used as a base coat for most of our other products. When used on interiors under Marmorino or Grasso di Calce, this product also offers some unique design characteristic that many applicators find useful and unique.

The base of this product is "*aged hydrated slacked lime*". This product offers minimum to moderate transparency (depending on application style) and once applied will show *moderate* to *manageable* variations or shades of color depending on the color used and the technique used by the applicator.

### **Texture**

Intonaco Piatto is applied directly onto any surface that is made of rough or fine mortar cement or concrete, drywall or on almost any natural product or surface including wood. We suggest our products are always applied to a surface that has been properly prepared with a primer. FirmoLux™ offers Anchor Primer™ & Micro Primer™. Depending on the substrate that the product is being applied, a thickness of 1-2mm is applied by trowel for a single coat when used as a base coat, and in 2-3 coats for its use as a finish product. Due to its strong fixing cycle, this product once applied will perform and continue to improve over time.

Intonaco Piatto is an excellent solution for renovation or restoration because of its natural appeal and restorative design characteristics.

For particular difficult surfaces or in cases where water penetration and absorption is an issue, we suggest applications of vinyl primers prior to application, and penetrating sealers and waxes post application. FirmoLux carries a complete line of primers, waxes and sealers for almost any situation.

**Color:** White. Ready for coloring powders or oxides

**Benefits of Product:** Like most Lime based Products, this product will inhibit/prevent the growth of surface mold and mildew. Over a period of time, carbonation of the lime with the carbon dioxide from the atmosphere will bring this product back to its natural state which is stone.

**Dilution:** Dense paste ready to use after stirring. Experienced applicators have been known to mix with other FirmoLux Products for other effects.

**Ph Factor:** 13 ph

**Granulation Size Range:** 250-300 microns / .25 - .30 mm

**Flash Point:** None

**Packaging:** 25 Kg Bucket, (Boxed for shipping 58 Pounds)

**Composition:** Magnesium quality micro-filtered lime putty, particles of minerals and other natural elements make up the Composition of Intonaco. Additional organic additives are included to help improve in the technical and application aspect of the product.

**Product Stability:** Extremely Stable

**Avoid:** Avoid continual contact to the Skin and avoid contact with the Eyes.

**Incompatibility:** Hydrogen fluoride and inter-halogens.

**Hazardous:** No known hazardous waste or by-product. No known hazardous decomposition of product or its by-products are known to have occurred.

**Health Hazards:** Do not ingest, or inhale product. Acute gastric or bronchial irritation will result. Consult your physician if condition worsens or if lasting more than 6 hours.

**Precautions:** For ingestion, drink water. In the event you should get this substance in your eyes, flush with clean fresh water, and avoid rubbing.

# INTONACO PIATTO (Smooth)

## Product and Technical Data Sheet

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**Safe Handling of Product:** Always wash hands after handling products and especially before ingesting food. If product spills, absorb with rags and dispose of in accordance with local, state and federal regulations.

**Application Yields:** As stated below,

Intonaco Piatto		SqFt Per Bucket	SqFt Per Bucket	M <sup>2</sup> per Bucket	M <sup>2</sup> per Bucket	Application
Application Area / Finish / Coats	Bucket Size	Low	High	Low	High	
Smooth Drywall / Base Finish, 1-Coat	25 Kg	425	600	39	56	Trowel over Primed surface
Smooth Drywall / Finish Coat, 2-Coats	25 Kg	275	375	26	35	Trowel over 1st Coat
Textured Surface / Base Finish, 1-Coat	25 Kg	375	425	35	39	Trowel over Primed surface
Textured Surface / Finish Coat, 2-Coats	25 Kg	250	275	23	26	Trowel over 1st Coat
Rough Concrete / Base Finish, 1-Coat	25 Kg	325	375	30	35	Trowel over Primed surface
Rough Concrete / Finish Coat, 2-Coats	25 Kg	200	235	19	22	Trowel over 1st Coat

**PLEASE NOTE:**

The coverage you achieve is affected by experience of applicator, application textures/technique, application waste, substrate condition and material, and weather or environment at the time of application. The Yields suggested in the above diagram are to be used as a guide. We suggest consulting us if you have further questions.

**Suggested Applications**

- Base Foundation (Base Coat for Marmorino or Grasso di Calce)
- Decorative Finish for Exterior or Interior surface areas.
- When a matt or smooth finish (not polished) is desired.

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