

## **Intonaco Mezzo™ “Fine Italian Lime Plaster”. Thick**

This Green Building Product is natural Italian Lime plaster made from a mixture of grinded minerals that include Lime, Marble, other minerals and organic binders and resins. This product is developed to satisfy the needs for modern finishes. It's a product that competes with our other Marmorino because of its wonderful absorption of color and different effects and transparency, but is totally in a class of its own. When used as a traditional lime plaster, it is the smoothest of the Marmorino family of plasters since the size of these particles range from 650-700µm (microns) / 0.65 -0.70 mm, and as a result will provide a smooth surface. This product can also be used as a base coat for most of our other products. When used on interiors under any Marmorino or Grassello, this product also offers some unique design characteristic that many applicators find useful and unique.

The base of this product is “aged hydrated magnesium quality slacked lime”. This product offers high transparency and once applied will 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 Mezzo™ 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 1-2 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 Mezzo™ 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 water based mineral / vinyl primers prior to application, and sealers or waxes post application. FirmoLux carries a complete line of primers, waxes and sealers for almost any situation.

**Color:** Product comes natural white. Can be tinted to match any color desired.

**VOC & LEED:** 0-VOC's, 1-LEED Point Certified or more depending on other products used with it.

**Benefits of Product:** Like most lime based products, this product will prevent the growth of 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 limestone and marble.

**Dilution:** Fine to medium density putty ready to use after stirring well. Experienced applicators have been known to mix with other FirmoLux Products to create other effects.

**Ph Factor:** 13 ph

**Granulation Size Range:** 650-700µ microns / .65 - .70 mm

**Flash Point:** None

**Packaging:** 1kg- 25 Kg, Quarts to 5-Gallon size buckets. Samples available!

**Composition:** Magnesium quality micro-filtered lime putty, particles of minerals and other natural elements make up the composition of Intonaco Mezzo™. Additional organic additives and resins 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 know hazardous decomposition of product or by-products are known to have occurred.

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

**Precautions:** For ingestion, drink water. In the event you get this substance in your eyes, flush with clean fresh water, avoid rubbing and consult a physician if prolonged irritation continues.

**Safe Handling of Product:** Always wash hands after handling products and especially before ingesting food. This is a natural non-hazardous bio-degradable product so if product spills occur, absorb with shovel or rags and safely dispose of in any construction material collector.

**Application Yields:** As stated below:

<b>Intonaco Mezzo™ (Thick)</b>					
<b>No of Coats</b>	<b>50 Ft<sup>2</sup></b>	<b>100 Ft<sup>2</sup></b>	<b>400 Ft<sup>2</sup></b>	<b>750 Ft<sup>2</sup></b>	<b>2000 Ft<sup>2</sup></b>
<b>1 Coat Application you need--&gt;</b>	<b>6 Kg</b>	<b>13 Kg</b>	<b>50 Kg</b>	<b>94 Kg</b>	<b>250 Kg</b>
<b>2 Coat Application you need--&gt;</b>	<b>12 Kg</b>	<b>26 Kg</b>	<b>100 Kg</b>	<b>188 Kg</b>	<b>500 Kg</b>
<b>1/2 Coats added to above--&gt;</b>	<b>4 Kg</b>	<b>8 Kg</b>	<b>31 Kg</b>	<b>58 Kg</b>	<b>154 Kg</b>
(1 Kg = 1 Quart) (5 Kg = 1 Gal) (10 Kg = 2 Gal) (25 Kg = 5 Gal) <b>please note: estimates vary depending on wall and application technique</b>					

**PLEASE NOTE:**

The coverage you achieve is affected by the experience of the applicator, application textures/technique, waste, substrate condition and material, as well as weather or environment at the time of application. These yields suggested in the above diagram are to be used as a guide. We suggest consulting FirmoLux™ if a more accurate specification is necessary.

**Instructions for use**

- Prepare the base with Anchor Primer or smoothing base like Micro Primer Veneziano
- Application with stainless steel trowel
- Base must be clean and dry, any unsubstantial parts, traces of oil or grease must be removed; plaster any irregularity of the base.
- Apply 2-3 coats. An additional procedure will be done to refine the grade of brightness after application, by using a trowel and/or special tools. It's NOT advisable to apply more than 2 coats within the first 12 hours in order to let the product dry correctly.
- Temperature of application: 5° to 35°C (40°F to 95°F)
- All lime-based products have a normal drying time according to the thickness but, the real hardness is obtained through carbonation which occurs on contact with the air.
- This process could last many months

**Suggested Applications**

- Decorative Finish for Exterior or Interior surface areas.
- A great finish that can be used smooth or polished, depending on the applicators design and technique.
- Can be waxed to enhance the natural effect of the product to give a more luxurious natural look.
- Designed to be used as a finish plaster or a base for any of the Metallic Plasters.