

GRASSELLO HIGH GLOSS | TECHNICAL DATA SHEET | (UNI 8681) (DIN 18363) Interior/Exterior | Natural Lime Plaster

PRODUCT FEATURES

GRASSELLO HIGH GLOSS, a true Venetian Plaster, is a historical slaked lime plaster, ideal for interior and exterior surfaces, applied on masonry or sheetrock surfaces to provide a classical plaster finish with chromatic color variability. GRASSELLO HIGH GLOSS is made in the ancient tradition, composed of pure aged slaked lime-air putty, selected inert and organic additives (<4%).

The application of GRASSELLO HIGH GLOSS grants high-end glossy decoration, with soft yet vibrant effects, with the capabilities to carbonize to masonry surfaces providing decades of durability. This is a professional product and requires a trained applicator to apply correctly. GRASSELLO HIGH GLOSS can be applied for exterior finishes without the risk of damage from freeze/thaw, water, or damage from UV in colors containing only with mineral pigments.

A 100% natural mineral product, completely permeable, breathable, absorbs CO₂, provides good anchoring power with mineral surfaces by carbonization. Provides protection against the formation of bacteria that forms mold. GRASSELLO HIGH GLOSS is specifically designed to be tinted with natural oxide earth tints and 0% VOC colorants to increase esthetic color values with minimal impact to the environment and to provide toxic free air quality for indoors.

FIELDS OF APPLICATION

Grassello High Gloss (Venetian Plaster) can be applied to many types of absorbent or not absorbent masonry surfaces if properly prepared.

- New and old plasters based on hydraulic binders
- plasters and plasterboard surfaces
- old paints and coatings of organic or mineral nature if dry, compact, absorbent and cohesive
- conglomerates of various mineral nature, provided they are absorbent

All type of surfaces must be prepared according to the methods indicated in the section 'SUBSTRATE PREPARATION & APPLICATION OVERVIEW'.

TYPE OF PRODUCT

Glossy finishing, Decorative mineral plaster for Exterior and Interior, composed of pure slaked lime-air putty, selected inert, rheological modifiers and organic additives (<4%)

SHEEN / FINISH

Gloss/Extra Gloss

PACKAGING

Plastic buckets - 2.5kg or 25kg

COVERAGE

The following is approximate for 1 coat and heavily dependent on absorption, type of base and desired effect. Determine exact consumption by performing a test on the surface to be treated.

2.5kg = 65 - 75sqft

25kg = 650 - 750sqft

COLOR

White tintable base. Color tint up to 10% max with approved tints. Custom color tint matching is available.

TOOLS

Romabio Stainless Steel Trowel

TOOL CLEANING

Clean immediately after use with water & a mild detergent/dish soap.

STORAGE

Store in a cool, dry place, protected from frost. Once the product has been removed from its container/ or diluted, the material cannot be stored. For best results turn container upside down to help prevent air infiltration via the paint can lid to prolong shelf life.

SHELF LIFE

Follow guidelines in STORAGE section. Romabio Grassello High Gloss should last approx 24-36 months, if stored at temperatures between +40° F and +90° F and according to suggestions above. ROMABIO cannot guarantee the shelf life of the product.

DRYING TIME

Drying (at 75 °F and 65% U.R.): touch-dry in 3 hours; can overcoat after 6 hours approx., depending on the thickness.

CONDITIONS FOR APPLICATION

- Air temperature: Min. +50 °F / Max. +90 °F.
- Surface temperature: Min. +50 °F / Max. +90 °F.
- Relative humidity of the air: <80%.
- Surface Humidity: <10%.
- Avoid applying where there is surface condensation

Do not apply to freshly painted surfaces, plaster or uncured cement mortar (wait at least 4 weeks)

MIXING PLASTER

Grassello High Gloss is ready to use and not require water to be added. However, to improve the workability of the product it is advisable to mix well for a few minutes before use with Electric Paddle Drill Mixer.

GRASSELLO HIGH GLOSS | TECHNICAL DATA SHEET | (UNI 8681) (DIN 18363) Interior/Exterior | Natural Lime Plaster

APPLICATION TYPE OVERVIEW

- **New Sheetrock or Cementitious Board:** It is advisable to apply first one (1)-coat of MicroGrip with a brush or roller. Allow to dry for 8 – 12 hours.
- **Painted Sheetrock or Cementitious Board:** If compact, not chalking and cohesive, it is advisable to apply first one coat of MicroGrip with a brush or roller and allow to dry for 8 – 12 hours.
- **Concrete Surfaces:** It is advisable to apply first one coat of MicroGrip with a brush or roller. Allow to dry for 8 – 12 hours.

In case of new concrete the surface must be cured for at least 21 days . The application on Concrete surfaces has a decorative function only

SUBSTRATE PREPARATION

(T=77°F, UR=60%) The substrate must be perfectly smooth, dry, dust-free, with no humidity and salt stains. (If the surfaces are chalking, peeling or not cohesive it is always advisable to consolidate first with a coat of EcoForte pre-primer)

- **Compact, Smooth and Non-Chalking Masonry Surfaces:** It is advisable to apply first one coat of MicroGrip Primer with a brush or roller
- **Slightly Chalking, Smooth Masonry Surfaces:** It is advisable to apply first one coat of MicroGrip as above. Only in case of extremely chalking or peeling surface, remove the chalking or peeling parts and apply first one coat of EcoForte pre-primer with a brush.
- **Irregular and Rough, Non-Chalking Masonry Surfaces:** It is advisable to apply first one (1)-coat of Travertino as a base filler/levelling plaster coat, applying with a steel trowel to desired finish as a base. Allow to dry for 8 – 12 hours.
- **Irregular and Rough Chalking Masonry Surfaces:** It is advisable to apply first one (1)-coat of EcoForte primer with brush or roller as consolidator. On the dry and solid surface then apply One (1)-coat of Travertino as a base filler/levelling plaster coat, applying with a steel trowel to desired finish as a base. Allow to dry for 8 – 12 hours.

GENERAL APPLICATION

1. On total prepared and dry surface, apply one smooth coat of Grassello High Gloss with stainless steel trowel.
2. After at least 8 hours, apply a second coat of Grassello High Gloss with stainless steel trowel.
3. When the product start to dry, but is not completely dry, apply a sort of third coat using very little material on the trowel and burnish the surface with stainless steel trowel tilted at 30-35°, pressing lightly and laminating the wall, from the bottom up to make it more compact and extra glossier

In some cases before compact and glossier the product, to increase the typical look of "light/dark Grassello effects", proceed with the application of Grassello High Gloss in small portions of wall. Then proceed to compact and glossier.

PROTECTION

After 48hrs of drying time you can apply a Romabio protectant.

- Romabio PLASTER WAX provides a sacrificial layer and when dirty and worn can be easily removed leaving the surface as new and ready for a new coat of protective wax. The wax allows protection against water absorption both outside (sheltered and vertical surfaces) and inside, easy cleaning from dust and good protection from stains provided they are removed immediately. Also fixes any granules formed from streaking. If it is the first time after Grassello High Gloss has been made, the wax must be applied by a professional.

PRODUCT LIMITATIONS

- Do not apply to freshly painted surfaces, plaster or uncured cement mortar (wait at least 4 weeks for fresh mortar)
- This plaster product is not oil proof, and can be damaged by foods, greases, body oils, color crayons or washable colored markers. Cleaning may damage or change the sheen of the paint.
- Applying too much heat during burnishing can cause burns/streaks which may be visible on lighter colors. You can use a plastic or plexiglass trowel for the last coat if you desire. Be careful not to overapply pressure however as they are not as durable as stainless steel. Keep in mind that more pressure means a glossier finish and choose your tools accordingly.

GRASSELLO HIGH GLOSS | TECHNICAL DATA SHEET | (UNI 8681) (DIN 18363) Interior/Exterior | Natural Lime Plaster

DISPOSAL

Do not enter product in its original concentration into drains or open waters. Do not store at public waste disposal sites. In case of conduction into adapted biological purification plants no disturbances need be expected. The preparation has been estimated by conventional method (calculated-procedure) of EG directive 1999/45/EG and is classified as non-hazardous for the environment.

Dispose according to local regulations. Empty cans should be disposed of according to local regulations; plastic buckets are 100% PP, no. 5, approved for food storage; 100% recyclable if cleaned thoroughly prior to recycling.

NOT DANGEROUS

The directive 75/442/CEE, 08 01 production, disposal, formulation, supply, use, and removal of paints and varnishes: 10 13 04 for removal of paints and varnishes; 10 13 04 disposal of lime and hydrated lime products.

**NOTE: Mixing with third-party products is not permitted! ROMABIO PAINT Grassello High Gloss is formulated without the addition of can preservatives. Medium and intensive color shades may contain traces of product preservatives.*

WATER CONTAMINATION HAZARD Class 1

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of information required by the CPR, and it is classified as a non-hazardous material.

PRODUCT CONTAMINATION HAZARD CODE CER / NORMATIVE EAC / Decision commuted by the Commission n. 2000/532/CE

MANUFACTURER
ROMABIO PAINTS, LLC
1465 TRAE LANE
LITHIA SPRINGS, GA 30122
Toll Free 1-833-766-2246

TECHNICAL DATA

CRITERIA	INT. STANDARD	VALUE	Unit
VOC (not including tint pigments) Ready to Use	2004/42/CE	0,00	g/l
Indoor Air Quality		A+	
Water Absorption Coefficient		27	mg/sq feet
Vapor Permeability	UNI EN ISO 7783-2	High Permeability	V=350 g/mq in 24 h; Sd= 0.10 m, for thicknesses of 0.6 mm
pH Value	DIN 19266	11-11,5	-
Specific Gravity (23°C)	EN ISO 2811- 2	1,40	Kg/Lt.
Granulation	DIN 19643	0,00 – 0,01	mm
Application Quality	UNI 10794	Good	
Reaction to Fire	EN 13501- 1:2002	A1	Incombustible
Toxicity	CEE 88/379	0%	-
Environmental Impact		Fossil resource saving product by using renewable raw materials in the value chain.	
APEO – PEG – PG – FORMALDEHYDE - BIOCIDES		0%	
VOC (not including tint pigments) Ready to Use	2004/42/CE	5,00	g/l

WARNING

Keep out of reach of children. In case of contact with eyes and skin, wash immediately with plenty of water. In cases of consumption, consult a Doctor or call the CDC Poison Center. 1-800-222-1222.

WARNING!

Wear suitable PPE to protect lungs, eyes and skin. Do not apply any products in direct exposure to strong/hot sunlight, rain, mist, high humidity (> 80%), at dew-point formation, or in the presence of strong wind. Beware of the danger of frost overnight. If applied by roller or sprayer, protect surrounding surfaces as necessary. Cover glass, ceramic, natural stone, brick, metal, wood, painted surfaces and glazed tiles. Clean affected areas immediately with water. If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

This Technical Data Sheet is based on data collected on the basis of technique and experience. Given the multiplicity of use of the product they cannot be binding. This information shall not constitute any legal obligation and no obligation from the seller or point of purchase, or any agreements inferred by employees who sell this product. Insurance or guarantees issued by our employees should always be confirmed separately in writing. Any information about product adaptability and use of the product, must be verified by user prior to purchase. Check the exact consumption of product for the surface where product may be applied to determine the amount of product needed. The user must verify color matching before starting work. **No refunds or exchanges will be provided for tinted products after they have been consumed or applied.**

REV042825