



## VELATURA MINERALWASH TECHNICAL DATA SHEET | DIN EN1062-1 Interior/ Exterior Veiling Mineral Coating

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### PRODUCT FEATURES

Velatura Mineralwash is a decorative flat finish paint, ideal for creating mottling or the appearance of movement on Interior wall surfaces for typical ancient shading techniques. It allows the applicator a wide-range of artistic, sophisticated finishes with soft tonal variations.

Velatura Mineralwash is easy to use, does not require an additional primer and has a good vapor permeability. The balanced formulation gives the product a particular density with thixotropic characteristics making it very easy to work, allowing multiple applicators to paint on the same wall together and get similar effects.

### FIELDS OF APPLICATION

Velatura Mineralwash works on Interior substrates such as pre-painted or unpainted Gypsum Board (drywall) or Exterior substrates such as Stucco, Lime Stucco. Application is recommended only when able to work in temperatures ranging between 50 – 90 °F.

### FINISH TYPES

Velatura Mineralwash is a brush-applied paint using the crosshatch technique, recommended for the 1<sup>st</sup> coat or the cloth technique, recommended for lighter colors to create cloud-like movement effects. For medium to darker colors, the same color can be used for the 1<sup>st</sup> and 2<sup>nd</sup> coats. For whites and lighter colors, a slightly darker color shade should be used for the 1<sup>st</sup> coat vs. the 2<sup>nd</sup> coat to create more tonal variation and greater movement effects.

### SHEEN / FINISH

Very flat

### TYPE OF PRODUCT

Potassium Silicate binder according to UNI 8681, stabilized with binding agent polymeric dispersion based (fossil resources replaced with sustainable biomass based on “mass balancing assessment”)

### COLOR (Interior)

White color appearance product. Color tint up to 8- 10% max with approved tints. Custom tint and matching is available.

### PREPARATION OF THE SUBSTRATE

#### (Interior)

(Reference environmental conditions T=25°C, RH=60%)

The surface must be clean, dry and cohesive and ready to be painted.

### 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%.
- R.H. <65%.
- Avoid applying where there is surface condensation or directly under the sun.

### TOOLS

Apply with a Romabio brush, cloth, sponge, rag or wool glove. All tools should be cleaned using water immediately after use.

### PACKAGING

Plastic buckets 2.5L (0.67 gallon) and 1L (1 quart).



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#### DILUTION INSTRUCTIONS

Dilution variations are general guidelines for optimal application conditions. Professional applicators may adjust dilutions as needed to for ease of use, job site requirements, and desired effect.

**1<sup>st</sup> COAT:** Dilute 0% - 5% with water

- 2.5L Size: add 0 to 125mL of water and mix well
- 1L Size: add 0 to 50mL of water and mix well

**2<sup>nd</sup> COAT:** Dilute 50% - 80% with water

- 2.5L Size: add 1.25L to 2L of water and mix well
- 1L Size: add 500mL to 800mL of water and mix well

It is recommended to finish the job using the same production batch. If different batches are used, we recommend mixing different batches together in order to avoid slight color differences. It is highly recommended to mix diluted Velatura Mineralwash during use to avoid sedimentation. If water is sitting on top of your mixture, the paint is not properly mixed!

#### COVERAGE

Approximately 100 - 140 sq/ft per liter (quart) with average absorption. Actual coverage will vary depending upon application method, surface texture, and absorption.

- 2.5L (0.67 Gal) coverage = 250 – 350 sq/ft
- 1L (1 Qt) coverage = 100 - 140 sq/ft

Recommended to test product on actual surface to determine the exact consumption.

#### STORAGE

Store in a cool, dry place. Protect from frost. Close the open containers with care. DO NOT store diluted product.

**SHELF LIFE:** 3 Years

#### APPLICATION INSTRUCTIONS (Interior)

Mix the material thoroughly before tinting and before application.

**1<sup>st</sup> COAT:** Mix the Velatura Mineralwash using a drill mixer and apply undiluted or with minimal dilution (see 1st coat dilution instructions).

Paint with a crosshatch technique, carefully applying the product uniformly. Ideal to maintain a wet edge but product does allow for time to work the paint into the wall surface without drying too quickly. When cutting in, make sure to work the paint progressively and not over-apply in order to not show lines.

**2<sup>nd</sup> COAT:** Apply **DILUTED** (see 2<sup>nd</sup> coat dilution instructions) and well mixed Velatura Mineralwash. Paint again in a crosshatch technique to create movement effects. Movement effects will start to show so do not overpaint in areas where the look has been achieved. Keep in mind that the paint is lighter when dry, darker when wet. For lighter colors, you may need to work the 2<sup>nd</sup> coat of the lighter color into the 1<sup>st</sup> coat with the damp rag/cloth technique. This is an artistic product so technique and results can vary.

#### DRYING TIME

Dries to the touch in one hour; can be over-coated after 4-6 hours. Application (68 °F- RH 60%) under ideal conditions.



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### PREPARATION OF THE SUBSTRATE (Exterior)

(Reference environmental conditions T=25°C, RH=60%)

The surface must be clean, dry and cohesive.

- For mold and/or moss, treat the surface with appropriate products like Romabio Algae & Moss Cleaner.
- Remove the dust, smog, salt bloom or flaking old paint by brushing or washing.
- In presence of non-cohesive and crumbling substrates, remove loose parts with mechanical tools, fill with a suitable putty and apply one coat of Romabio EcoForte Consolidator (micronized wall Transparent pre-primer) diluted 1/1 with water using a brush. Wait for the pre-primer to dry completely (approx. 24 hours depending on the type of substrate, its absorption and the environmental conditions) before applying Velatura Mineralwash.

### 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%.
- R.H. <65%.
- Avoid applying where there is surface condensation or directly under the sun.

### TOOLS (Exterior)

Apply with a Romabio Masonry Brush. All tools should be cleaned using water immediately after use.

### COLOR (Exterior)

White color appearance product. Color tint up to 8- 10% max with Romabio oxide colorants.

### APPLICATION INSTRUCTIONS (Exterior)

Do not apply on fresh/new or essentially alkaline substrates; wait for a maturation period (generally 4 weeks). Do not apply in the presence of rising damp. Application on concrete surfaces has a decorative function **but it does not protect the substrate from carbon dioxide; the main cause of degradation of concrete.**

**1st COAT:** Mix the Velatura Mineralwash very well using a drill mixer and apply undiluted or with minimal dilution (see instructions, page 2). Use a Romabio Masonry Brush to cover surface completely. When cutting in, try to work the paint progressively so as not to over-apply and show lines.

**2nd COAT:** Apply **DILUTED** (see instructions, page 2) and well mixed Velatura Mineralwash. Paint in a crosshatch technique to create effects. Movement effects will start to show while drying so do not overpaint in areas where the look has been achieved. Keep in mind, the dry paint is lighter than the wet paint. For lighter colors, you may need to work the 2nd coat of the lighter color into the 1st coat with a rag/cloth technique.

#### IMPORTANT NOTE:

In the case of surfaces with high absorption and in order not to create too intense color variations due to the excessive absorption of the surface, pay attention to the different degree of absorption and roughness of the surface; it may be necessary to apply a base coat of diluted transparent pre-primer "ECOFORTE" diluted 1/1 with water to uniform the absorption.

#### DRYING TIME

Dries to the touch in one hour; can be over-coated after 4-6 hours under ideal conditions (68 °F-RH 60%).



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CRITERIA	INT. STANDARD	VALUE	UNIT
VOC (not including tint pigments) Ready to Use	2004/42/CE	0,3	g/l
Water Absorption Coefficient	EN 1062-3:2001	0,62	kg/(m <sup>2</sup> •√h)
Vapor Permeability	DIN 52615- DIN 18550, EN ISO 7783- 2	Sd 0.14	m
pH Value	DIN 19266	11-11,5	–
Natural Resistance to Mold	UNI 9805 – UNI 10795	OK	–
Specific Gravity (23°C)	EN ISO 2811- 2	1.6	Kg/Lt.
Mineral Finish	DIN 55945	< 8%	Thickening Agent
Granulation	DIN 19643	0,08	mm
Gloss Level	DIN 55945	< 5 Gloss	Very Flat
Exterior Paint With Mineral Finish	DIN 18363 – DIN EN1062-1	< 5% organic substances content	Comply with regulations
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.	
Certification APEO (Alkyl Phenol Ethoxylates)	—	0%	—
Does not contain chemicals that can aggravate or cause asthma, see NIH Asthma Report 2012.			

### 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.

### DISPOSAL

Do not enter product in its original concentration into drains or open waters. Do not store at public waste disposal sites.

Dispose according to local regulations. Plastic buckets are 100% PBS, NO. 5; 100% recyclable if cleaned thoroughly prior to recycling. Harmful to aquatic organisms, may cause long-term negative effects in the aquatic environment / Keep out of the reach of children / Do not dispose of residues in drains / Wear suitable protective clothing and gloves / If swallowed, seek medical advice immediately and show container or label. The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste. For further information, consult the MSDS.

This Technical Sheet lists 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 sale this product. Check the exact consumption of product for the surface where product may be applied to determine the amount of product needed. The color matching must be verified by the user **before** starting work. No refunds or exchanges will be provided for tinted products after they have been consumed or applied.

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