



MINERAL STAIN BLOCKER | TDS | TECHNICAL DATA SHEET

Interior/Exterior Transparent Consolidating Pre-primer/Stain Sealant (UNI EN 206)

PRODUCT FEATURES

Romabio Mineral Stain Blocker is a non-toxic transparent consolidating and stain-sealing pre-primer, that regulates the absorption of porous surfaces. It can prevent or correct the emergence of stains caused by the surface release of metal or mineral elements contained in the substrates such as metals, oxides, minerals, etc. on your Romabio finish. Shortens the time of top-coat application on mineral surfaces reinforcing wall substrates and increasing the adhesion of top-coat. Romabio Mineral Stain Blocker can also reduce paint consumption by reducing the absorbency of the substrate. Solvent free and practically odorless is water soluble and ecologically responsible.

FIELDS OF APPLICATION

Mineral Stain Blocker is particularly suitable for:

- Bricks
- Lime-based mortars or plasters
- Cement-based mortars
- Cement conglomerates
- Plaster (gypsum)
- Natural stone and Porphyry
- Concrete
- Mixed walls (bricks and stones)
- Tuff

CONDITIONS FOR APPLICATION

- Air temperature: Min. +50° F / Max. +95° F.
- Relative humidity of the air: <60%.
- Temperature of surface to be treated: Min. +50° F / Max. +95° F.
- Humidity of surface to be treated: <10%.
- Avoid applying where there is surface condensation or directly under the sun.

TYPE OF PRODUCT

Water sealing/consolidating treatments for absorbent surfaces

PACKAGING

Plastic buckets 1L and 2.5L.

SHEEN FINISH

Transparent, flat

COLOR

The product is supplied without color. It cannot be tinted.

SHELF LIFE: 2 years in concentrated form

STORAGE

Store in a cool, dry and protected from frost. Close the open containers with care.

TOOLS

Apply with brush or with an appropriate low pressure airless sprayer and sprayer tip. All tools should be cleaned using water immediately after use.

COVERAGE*

- 1L (2L when diluted) = 70sqft
- 2.5L (5L when diluted) = 175sqft

**Actual coverage will vary depending upon application method, surface texture, and absorption*



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SURFACE PREPARATION

- For best results, Romabio Mineral Stain Blocker should be applied following a rain-free period of at least 2 days with no expected rain for 24hrs following application.
- Remove all previous coatings except sound and firm cement base materials.
- Surface should be clean, **dry**, and free from dirt, mildew, and all loose particles. If there is algae, moss or mold, first treat the surface with Romabio Algae & Moss Cleaner and allow a drying period of several days.
- Repair any cracks, holes, and loose mortar joints using a suitable concrete patch or mortar mix, and allow to fully cure.
- Check for evidence of rising damp or soft, crumbling brick and consult a mason to make the necessary repairs.
- Make sure any newly applied lime or mineral based coatings, are fully absorbed before application.
- Efflorescence, which is a white, powdery, crystal-like deposit visible on the masonry surface, must be removed. Buffer acid, used according to manufacturer's directions, is effective. All masonry surfaces are subject to occurrences of efflorescence.

DRYING TIME

- When used as a stain sealant, the minimum required drying and curing time to be repainted is 24 - 36 hours.
- If used as consolidating pre-primer the minimum required time to dry before being repainted is 6 - 8 hours.
- Assume the maximum drying time when slightly humid and/or damp.

APPLICATION INSTRUCTIONS

To spot-treat stains seeping through your Romabio Finish:

1. Dilute the Mineral Stain Blocker 100% (1:1) with clean water and mix well.
2. Apply liberally and evenly, in one coat "wet on wet", which is without much interruption or time intervals between one coat and the next, taking care to achieve the best saturation of the substrate material.
3. Allow to dry 24-48hrs
4. Apply 1 coat of MicroGrip or MediumGrip Primer
5. Allow to dry 24hrs
6. Apply 1-2 coats of your chosen Romabio Finish (i.e Classico Limewash®, Masonry Flat, Masonry Textured, Lime Slurry, etc.) or touch up to blend.

BEST PRACTICES & TIPS

- This product is meant as a spot treatment and not a whole-house sealant. Apply only where needed.
- Shielding just-treated items from rain is recommended so that complete water repellence has developed.
- For use outside the scope of this Technical Data Sheet or under unique circumstances, please contact us at info@romabio.com or call 678-905-3700.



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TVOC & VOC	2004/42/CE –ISO 11890-2	: <5,7	g/l
Surface Retention Smog/Dirt	EN 10795	> 15	High
% Weight Solids		+18% ± 2	NOT DILUTED
Drying at Low Temperature	UNI 10793	≥ 45 °F	–
Application Quality	UNI 10794	Excellent	–
pH Value	DIN 19266	8	–
Alkaline Resistance	UNI 10795	Yes	–
Specific Gravity (23°C)	EN ISO 2811-2	1,05 ± 0,05	kg/l
Gloss Level	UNI EN ISO 2813	0	
Reaction to Fire	EN 13501-1:2002 A1		Incombustible
Resistance to Chemical Agents	ONORM A 1605-15 (1B1)	Good	–
APEO (Alkyl Phenol Ethoxylates)	–	0%*	Low Content
PEG (Polyethylene Glycol)	–	0%*	Low Content
PG (Propylene Glycol)	–	0%*	Low Content
Formaldehyde	–	0%*	Low Content
Biocides	–	0.5%	Low Content

Warning!

Do not apply any products in direct exposure to strong/hot sunlight, rain, high humidity (mist) or in the presence of strong wind. Beware of the danger of frost overnight. If applied by sprayer, protect surrounding surfaces as necessary. Protect eyes and skin from splashes of paint. Cover glass, ceramic, natural stone, brick, metal, wood, painted surfaces and glazed tiles that are not to be painted. Clean affected areas immediately with water. Prominent elements of the building (cornices, parapets, etc.) should be treated with skill, covering flashings, gutters, copper coatings, etc. Clean work tools with water immediately after use. 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 (see Safety Data Sheet)

FIRST AID

In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Wash clothing before reuse. Thoroughly clean contaminated shoes. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, Call poison control center, hospital emergency room, or physician immediately. If swallowed, do not induce vomiting. Call poison control center, hospital emergency room, or physician immediately. If spilled, contain spilled material, and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.

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