



Scorria Wall Finish

PRODUCT INFORMATION SHEET

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ALTAMIRA Mineral Paint is a premium decorative finish suitable for a wide range of architectural designs. The **Scorria Wall Finish** series offers two standard textures, fine and coarse, that can be applied in a variety of rich, textured designs.

It is a cementitious, polymer-modified powder mixture available in an array of pre-mixed colors. It can be applied on interior and exterior walls made of concrete, fiber cement board, polystyrene, gypsum board, and plywood.

ADVANTAGES

- Will not delaminate, peel, blister, or bubble
- Good adhesion to the substrate to be coated
- Ready-to-Use, simply add water
- Easy to Mix and Apply
- No concrete neutralizer needed
- This mineral coat will not deteriorate, but in fact, will improve with time.

DESCRIPTION

- Odorless
- Contains no hazardous materials
- Breathable Surface ; High water vapor permeability (good drying, no blistering)
- Low water absorption
- Strong water resistant effect providing reduced risk of efflorescence, algae, fungus, bacterial growth and staining.
- Increased abrasion resistance (wet scrub resistance)
- Improved workability
- Improved water retention, thus minimizing cracking.
- Highly improved durability (reduced maintenance costs)
- Reduced labor: no pre-wetting of surface, better workability, etc.
- Non-Fading, Uniform Color

PRODUCT DATA

Package Size	6 kg bags
Color	(see Color Samples)
Type	powder form
Storage Life	6 months, dry condition

WORKING Properties	FINE	COARSE
Water Demand	0.26 li/kg	0.26 li/kg
Coverage per bag, 2 coats	2 kg per m ²	3 kg per m ²
Open Time	10 minutes	10 minutes
Potlife	2 hours	2 hours

PERFORMANCE Properties	Results
Wet-Scrub Resistance	>2000 cycles
Tensile Adhesion Strength on Concrete, 14d SC	>0.5 N/mm ²
Tensile Adhesion Strength on Concrete, 7d SC + 7d 70°C + 1d SC	>0.5 N/mm ²
Water Absorption Coefficient	<0.5 kg*m ² *h ^{0.5}
Flexural Strength	2.0 N/mm ²

* Actual Field Performance will depend on installation methods and site conditions

** Results are based on in-house tests

NOTE:

To maintain correct procedures, Altamira Finishes are generally applied or trained by approved applicators.

SURFACE PREPARATION:

1. The concrete backing or substrate must be fully cured, structurally sound, clean and free from dirt, loose materials, oils and other chemicals.
2. For walls or substrates with high water absorption or installing in temperatures over 35C, dampen the concrete backing or substrate or put a tent around the area.
3. For walls or substrates with strong unequal water absorption, a more diluted paint can be applied as primer prior to the actual finishing coat.

MIXING:

1. For mixing, use any non-absorbent mixing container such as plastic, steel or iron sheet.
2. In a pail of clean water (approximately 1.6 liters), pour 1 bag (5 kgs) of **Altamira Scorria** and mix to a lump free consistency. Different amounts of water used, will give different effects.
3. Mix manually or with a mechanical mixer. Best results are achieved with a mechanical mixer.
 - a. If manually, advisable to add the powder in portions during stirring, so that a homogenous and lump-free paste is created. Then, the remainder of the water is added to get the best working consistency for application.
 - b. If mechanical mixing, use a low speed for no more than 5 minutes. A slow speed, high torque hand drill with a mixing paddle is most appropriate.
4. Let the mortar stand for 10 minutes so that the chemicals will react completely with the cement and water.
5. Mix again briefly and **Altamira Scorria** is ready for use.

APPLICATION:

1. Spread the product evenly using a trowel to the desired thickness, approximately 1-2mm.
2. While the material is still fresh, go slightly with a trowel in a circular direction to ensure that the texture design is attained right after application. Steel, wooden, or plastic trowels will give different effects.
3. Apply a second coat, if desired.
4. Use the paste within 2 hours or while the paste is still workable. No need to add additional water.

CAUTION:

1. Note that mix proportions of the dry-mix paint and water must be kept constant and uniform for the whole object to be painted otherwise uneven coloring or shadowing will occur.
2. High speed mixing or overlong mixing can lower overall strength of the cement paint.
3. Do not apply on substrates which are not solid enough, like distempers, lime washers, oil paints and varnishes and substrates containing gypsum plaster.
4. Exposure to rain or excessive sunshine must be avoided in the first few hours, preferably for at least 24 hours.

Do's AND Don'ts:

1. Use only clean plastic pail and other non-absorptive container as mixing base.
2. Use only clean tap water. Do not use saline water.
3. Do not mix newly prepared mortar with an old mix to extend potlife.
4. Do not mix various colors in the hope of attaining a different shade or color.
5. Do not use acid and other harsh chemicals.