



SPATORELLA

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ULTRA-FINE, PREMIXED MORTAR FOR REPAIRS, SKIMMING, AND SMOOTHING INTERIOR WALLS AND CEILINGS. FORMULATED WITH SELECT BINDERS, VERY FINE AGGREGATES, AND SPECIFIC ADDITIVES, IT GUARANTEES EXCELLENT WORKABILITY AND AN EXTREMELY SMOOTH AND UNIFORM FINISH.



PRODUCT DESCRIPTION

Spatorella is a pre-mixed, single-component, normal-hardening, very fine-grained foam mortar, available in gray or white, based on cement-lime-stone binders, selected aggregates, additives, and synthetic polymer powders. Due to its unique composition, the mortar obtained by mixing with water is easy to apply with a flat metal trowel and finished with a sponge float. Once hardened, it has excellent adhesion and can be applied up to a maximum thickness of 3 mm.

SCOPE OF APPLICATION

- Smoothing out surface imperfections in precast concrete, such as interlocking panels, beams, and pillars.
- Finishing cementitious plasters or cementitious mortars before painting.
- Minor repairs to precast concrete sections damaged during movement.

Quick finishing of repaired concrete surfaces

SUITABLE SUBSTRATES

- Concrete
- Cement mortar
- Anhydrite surfaces
- Ceramic and stone tiles primed with DCI Grip Primer

LIMITATIONS

- Do not use for finishing thicknesses greater than 3 mm.
- Do not apply at temperatures below +5°C or above +35°C.
- Do not add cement, lime, gypsum, or aggregates.
- Do not use directly on gypsum or anhydrite surfaces.
- Do not apply on dirty or chalking surfaces.
- Do not apply on painted or plastic-coated surfaces.
- Do not use on windy days or when surfaces are exposed to direct sunlight.
- Not for smoothing or leveling ceramic or wood floors.

- Do not apply on dehumidified plaster.

APPLICATION METHOD

A) Substrate Preparation

Substrates must be solid, free of dust, loose particles, paint, wax, oil, rust, traces of chalk, or other substances that could interfere with the bond. Absorbent surfaces that are not sufficiently solid must be removed or, if possible, repaired.

Cracks in cementitious substrates must be repaired with Epoinject. Dusty or particularly absorbent concrete surfaces must be primed to prevent any detachment and ensure uniform absorbency. Existing floors, such as ceramic tiles or natural stone, must be thoroughly cleaned of any oil or grease.

Then apply a coat of DCI Primer for adhesion.

B) PRODUCT PREPARATION

Pour a 25 kg bag of Spatorella Indoor into a container containing 6.5-7.0 liters of water, stirring continuously at low speed until a smooth, lump-free mix is obtained. Larger quantities can be prepared in a mortar mixer. Let the paste rest for a few minutes and then mix briefly again.

The paste is now ready for application. The mix can be worked for at least 4 hours.

C) PRODUCT APPLICATION

Apply the mixture to a maximum thickness of 3 mm using a flat metal trowel. Porous substrates, such as plaster or concrete, must be moistened with water beforehand.

The surface can be finished with either a flat metal trowel or a sponge float a few minutes after application. During hot or windy weather, or in particularly hot areas, spray water on the surface when it begins to set and in the following days once the mortar is completely dry and hardened. This prevents rapid drying and hygro-metric shrinkage, which can cause cracks.

At high or low temperatures or with strong winds, normal precautions for

use must be taken. The product may only be used to decorate interior or exterior surfaces if partially covered and protected.

COVERAGE / CONSUMPTION

Consumption is approximately 1.2 kg/m² with a 1 mm thickness.

PACKAGING

Spatorella is supplied in:
– 25 kg paper bags

STORAGE

The original product is guaranteed to be of top quality for 12 months if stored in a dry place. High humidity will reduce the product's shelf life.

SAFETY INSTRUCTIONS

SPATORELLA is an irritant; it contains cement that, when in contact with sweat or other body fluids, causes irritating and allergic alkaline reactions in susceptible individuals. It may cause eye damage.

In case of contact with eyes or skin, rinse immediately with plenty of water and consult a doctor.

Caution: We recommend wearing protective gloves and eyewear. For further and complete information on the safe use of our product, please refer to the latest version of our Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

TECHNICAL DATA

Product identity

Consistency:	Powder
Color:	Gray or white
Maximum aggregate size (mm):	0.1
Bulk density (kg/m ³):	1,200
Dry solids content (%):	100

Application data (at +23°C and 50% RH)

Mix color:	Gray or white
Mixing ratio:	26-28% water
Mix consistency:	Thixotropic-spreadable
Mix density (kg/m ³):	1,600
Application temperature:	+5°C to +35°C
Pot life:	approx. 1 hour
Waiting time before finishing with a trowel:	30 minutes
Maximum applicable thickness (mm):	3
Waiting time before installing the ceramic covering:	4 hours

Final checks

Compressive strength (MPa)	15 CSIV
Bonding strength to concrete (MPa)	≥ 2 failure patterns (FP) = B
Watertightness expressed as free water permeability coefficient (kg/m ² -h)	W < 0.1 Class III
Capillary action water absorption [kg/(m ² -min)].	Category W 1
Water vapor permeability coefficient (μ)	Declared value ≤ 15
Thermal conductivity () (W/m-K)	Graphic value 0.42 (P = 50%)
Reaction to fire	A1

