

Description

Ready to use acrylic based primer.

Fields of Application

- Treatment of anhydrite screeds and building boards prior to tiling using cementitious adhesives.
- Treatment of plaster, plaster slabs, gypsum fiber boards, plaster boards, concrete, render and brickwork prior to ceramic tiling using cementitious adhesives.
- Treatment of cementitious substrates prior to the application of self leveling compounds anhydrite screeds and other mortars.
- For treating surfaces against dusting and absorption, prior to ceramic tiling, screeding, waterproofing and painting applications.
- Suitable for interior, exterior, vertical and horizontal applications.

Properties

- Reduces porosity and absorption.
- Provides uniform absorption to the surface.
- Extends working time for cementitious and gypsum based finishing products.
- Improves the strength and solidity of the surface and adhesion of tiles by fixing the dusting parts on the surface.
- Prevents shrinkage cracks.
- Prevents chemical reaction between moisture and sulfate and cement aluminates in tile adhesive, that leads to the formation of salt named "ettringite" which is the cause of tile breaking away from gypsum substrate.
- Prevents rapid water absorption of the substrate.
- Solvent free.
- Ready to use.
- Easily applicable with roller and brush.

Preparation of Substrates

- Surface must be cured.
- Surface must be clean, dry and free from oils, grease, residual paint and other loose material.
- Anhydrite surfaces must be completely dry (residual moisture level < 0.5%) and mechanically abraded.

Application

- Gypsastar should be shaken just before use.
- 2 layers should be applied on highly absorbent surfaces like gypsum, concrete and screed.
- The product should be dried prior to further application.

Post-Application Protection & Suggestions

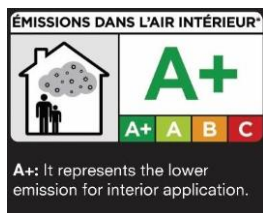
- Surface temperature must be minimum +5°C and there must not be precipitation.
- Do not apply onto magnesium substrates.
- Gypsastar is not recommended where a rising damp is present.
- Hands and equipment used should be washed well after application.
- The consumption values in the table refers to an average consumption amount. It may vary depending on the application conditions and surface properties. For further information refer to the Safety Data Sheet.

Storage

- Packages should be kept dry and cool at between +5°C and +35°C in moisture free conditions. Avoid direct sunlight.
- Packages should be protected from water, frost and adverse weather conditions.
- The opened drums should be closed immediately; the drums left open should be disposed of.
- Shelf life is maximum 12 months conditional to complying with the above mentioned conditions.

Packaging

- 5 lt drum.



Technical Properties

(at 23 °C and 50% RH)

General Data

Appearance	Blue, low viscosity liquid.
Density (g/cm ³)	1.01
Shelf Life	12 months when stored in the original packing.
pH	7-8

Application Data

Application Temperature Range	(+5°C) - (+35°C)
Drying Time	80 - 120 minutes
Consumption	140 - 160 gr/m ² undiluted

Final Performance

Resistance to Moisture	Good
Flexibility	Good

Surface Type	Material Type to Be Applied	Dilution Ratio
Gypsum based substrates (like anhydrite screeds)	Cementitious adhesives, renders	No dilution
Absorbent mineral substrates (like concrete, cementitious screeds, limestone etc.)	Gypsum based plasters, screeds	1:1 with water

Please Note: All suggestions and application instructions herein are based on our latest technical experience. Due to a wide variety of individual application conditions, the user alone is responsible for any consequences deriving from the use of the product.

