

Stocowall Super Fill

TECHNICAL DATA SHEET



Description of the product

STOCOWALL Super Fill is an acrylic wall leveling filler in powder form, medium grain size, based on high strength Portland white cement (I-52,5).

It is characterized as a general purpose rendering/plastering mortar (GP / CSII) **for indoor and outdoor application** (according to EN ISO 998-1) and complies with Regulation 305/2011 / EU on construction products (**CE marking**).

It is extremely effective in **filling irregularities** with no cracking, gives smooth surfaces, has minimum shrinkage, it is workable with spatula for a long time and can be sandpapered easily and quickly. It is highly **resistant to moisture and frost** and is ideal for outdoor applications. After priming, the levelled surface can be coated with plastic paints, acrylic paints, varnish paints or solvent-based cement paints.

Recommended uses

It is used for leveling and smoothing surfaces in all types of plaster, concrete, plasterboard and aerated concrete, indoors and outdoors, that will be further coated with paint or for repairing already painted surfaces.

Technical characteristics

Apparent Density of dry mortar: 1.00±1.0 gr/ml	(EN 1015.6)
Density of wetted product (+35% water): 1.5±1.0 gr/ml	(EN 1015.6)
Viscosity: Water-soluble powder	
Solids b.w.: 99.5±0.5%	(EN ISO 3251)
Minimum Film Forming Temperature: 5°C	(ASTM D 2354)

Shades

White. Can be tinted with **CHROTEX BASIC EMULSION COLORANTS** (percentage of addition 1-2% b.w.).

Properties

Maximum film thickness: 3 mm	(EN ISO 2808)
Maximum grain size: 90 µm	
Workability: Very good	
Ease of sandpapering: Very good	
Reaction to fire: Class A1	(EN 13501.1)
Adhesion (on plaster after 7 days): Excellent	(EN ISO 2409)
Adhesion (on cement after 7 days): Excellent	(EN ISO 2409)
Adhesion (top coat after priming): Excellent	(EN ISO 2409)
Resistance to water (after 7 days): Excellent	
Compressive strength (after 28 days): 4.5 MPa	(EN 1015.11)
Bending strength (after 28 days): 2.0 MPa	(EN 1015.11)
Capillary water absorption: W0	(EN 1015.18)
Water vapour diffusion coef. (µ): 5/20	(EN 1015.19)
Whiteness index: 95%	

Spreading rate

Spreading rate: Approx. 1 m²/Kg for a dry film thickness of 1mm depending on the condition of the surface condition.

Application instructions

Surfaces should be cleaned from dust, abrasive residues, etc. Before application the surface should be lightly watered.

STOCOWALL SUPER FILL is mixed with water in a ratio of 30-35%. The use of a low-speed electric drill ensures better results. Leave the mixture for 5-10 minutes and then mix again. Mixture remains workable for approximately 2-3 hours. From time to time, stir the material to soften without adding more water. The material should not be stirred for a long time.

Any cracks or holes are repaired with the material itself. On very loose surfaces it is recommended to prime first. The application is carried out using a metal spatula. First apply a layering and then a second layer after 4 - 5 hours, after the first one is dry. The second hand is recommended to be applied with pressure. The total application thickness should not exceed 3 mm, as there is a risk of cracking. The surface can be sandpapered after 7-8 hours.

After sandpapering, surface is primed with the ecological primer **PRIMEX A-300** or with the solvent based primer **PRIMEX A-1300** or with the silicon acrylic water-based primer **PRIMEX MICRO** and then the paint is applied.

For obtaining a very smooth finish or if the final paint is satin or gloss, in interior surfaces, it is recommended to apply one coat of **STOCOWALL** over 1 coat of **STOCOWALL SUPER FILL**.

Application method: Metallic spatula or steel trowel.

Pot life: 2½±½ hours.

Diluent: Water.

Thinning: Dilute 30-35% v/v.

Tools are cleaned immediately after the application with soap and water.

Drying time

Application of 2nd coat: 4½±½ hours (ASTM D 1640).

Sandpapering: 7½±½ hours.

Drying, recoating and sandpapering time may be prolonged under conditions of low temperature and high relative humidity.

Packaging

Available in 5 Kg and 20 Kg paper sacks.

Storage

Due to its cement content, it should be stored in dry spaces on pallets up to 12 months.

Health and safety

Please refer to the labeling mentioned on the can. In case more information is needed refer to the Material Safety Data Sheet.

Notes

- It is recommended not to apply the product at temperatures below 5°C and greater than 40°C.
- The product does not contain amiantos and glass fibres.
- Care should be taken when diluting the product. High dilution can lead to cracking and loss of strength.
- Directive 2004/42/EC for VOC is not applicable to **STOCOWALL SUPER FILL**.

*Issued: February 2018
This issue replaces all others*

