HASIT
Natürlich besser bauen

TECHNICAL DATA SHEET

HASIT PF 890 KALSIT FINISH PLUS

Lime hand and spray filler

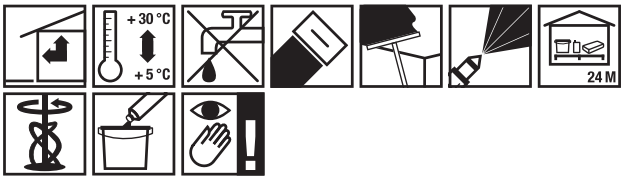
Areas of application

A universally applicable, sprayable plaster and leveling compound for creating paint-ready surfaces on interior walls and ceilings on concrete, plaster, gypsum board, gypsum fiber, and cement fiber substrates. For a healthy indoor climate, our KALSIT FINISH PLUS is highly suitable. Biologically recommended due to its characteristics and the absence of harmful substances. For coating of soffits, finished elements, wall construction boards, as well as leveling of lime-cement core base plasters. Maximum application thickness on the surface approx. 5 mm.

Properties

- Ready to use
- Biologically sound and room climate-regulating
- Sprayable using suitable plaster conveyors or airless piston pumps
- High vapour permeability
- No primer or bonding agent necessary
- High adhesive strength
- Excellent hand and machine workability
- Good workability
- Application thickness up to 10 mm possible in specific spots
- Inhibits mold growth

Application procedure



Technical data

Item number	2000951688
EAN	4038502150523
Customs Tariff No.	32149000
Packaging	
Quantity per unit	25 kg/unit
Unit per pallet	24 unit/Pal.
Colour	White
Consumption	approx. 1,2 kg/m²/mm
Reaction to fire	A2-s1, d0

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Item number	2000951688
Vapour diffusion openness	High vapour permeability
Compressive strength	≥ 2 N/mm²
pH-value	12
Layer thickness	1-5 mm
Layer thickness instructions	One-Coat Application
sd-value	< 0,2 m
Spec. weight	1,7 kg/dm³
Packaging	In plastic buckets.
VOC content	< 30 g/L

Material base

- Lime
- Air lime
- Pure mineral basis

Application conditions

During the processing and drying phase, the temperature of the surrounding environment and of the substrate must not drop below +5 °C.

Surface

The substrate has to be dry, stable and free from impurities, such as dust, soot, algae, efflorescences, etc. Remove film-forming release agents (formwork wax, formwork oil, etc.). Gypsum base plasters must be sufficiently strong, dry and set. Lime-cement base plasters can be plastered after hardening. Remove sintering layers on gypsum-based substrates. For initial coatings, ensure proper penetration of the primer, e.g., by using a primer. Also, adhere to the guidelines of BFS-Merkblatt 10.

Surface pre-treatment

Fill joints of structural components using HASIT PF 889 KALSIT FINISH LIGHT lime joint filler, reinforce as necessary, and allow to dry thoroughly. Pre-coat strongly sanding, absorbent, or unevenly absorbent substrates with a suitable mineral primer (HASIT PP 201 SILICA LF). Dilute the primer with water so that it is well absorbed by the substrate without forming a continuous film. On uniformly and slightly absorbent concrete surfaces, priming can be omitted.

Preparation

Product ready for use. The material is thixotropic. The longer and more intensely it is mixed, the thinner its consistency becomes. After extended standstill periods, the material will thicken again in the bucket.

Application procedure

In larger rooms, first spray and smooth the ceiling before working on the walls. The upper part of the wall should also be sprayed and smoothed up to a height reachable from the floor before working on the lower part. Apply using suitable plaster conveyors, powerful airless piston pumps, or manually. Stir the material thoroughly before use. Apply the material undiluted, evenly, and over the entire surface. Material temperature should be at least +10 °C. On smooth and level substrates, a single application typically achieves a surface suitable for wallpapering or textured spraying. For

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paint-ready surfaces, apply the material in two layers. Spray the first layer and smooth with a spatula. After approx. 1.5 hours of drying (depending on temperature and thickness), spray the second layer and smooth again. Ensure the substrate is evenly matt before applying the second layer (no wet spots or stains). Immediately after application, smooth the surface with suitable spatulas. For manual application, thoroughly stir the material and apply using a stainless steel trowel, then smooth with appropriate spatulas. Drying Time: Approx. 24 hours before applying the final coating (depending on temperature and humidity). Any unevenness that occurs during processing can be sanded after 3–5 days with sandpaper (grit 180/220). The surface will then be ready for painting. Equipment Recommendations for Airless Spray Application: Recommended spray pressure: ≥ 120 barDelivery rate: ≥ 6.0 l/minRemove equipment filtersMinimum airless nozzle size: 0.035 inchEnsure the airless spray gun is suitable for applying fillersFollow the manufacturer's instructions for spraying equipment Plaster Conveyors: Recommended with air supportDelivery rate: > 6 l/min Nozzle size according to machine manufacturer's instructions Adhere to further manufacturer guidelines Do not mix with other materials. Clean tools with water immediately after use. Bordering building elements (windows, window and door frames, doors, etc.) need to be covered before processing in order to protect them from dirt and damage.
Application on Smooth and Level Substrates: Typically, a single application creates a surface suitable for wallpapering or textured sprayingFor paint-ready surfaces, a second coat is required.

Hazard statements

Please refer to our separate safety data sheets for detailed safety instructions. Read through these before use.

Storage

Store in a cool, hermetically sealed and frost-protected place.
Minimum shelf life 24 months.

Certificates

Label

General information

This technical data sheet substitutes and annuls the previous editions of the same. The data is processed carefully and conscientiously, however they do not provide a warranty for the accuracy and completeness of the same, nor are they responsible for future decisions of users. These data itself is not based on legal relations or other additional obligations. These data do not release the customer from the obligation to check whether the product is suitable for its intended purpose. Our products, as well as all raw materials contained in them, are subject to continuous monitoring in order to guarantee consistent quality. If you have further questions, please contact your sales advisor or specialist retailer. The current status of our technical bulletins can be found on our website or can be requested in the responsible office.
All technical data listed in this product specification has been determined under laboratory conditions.

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