HASIT
Natürlich besser bauen

TECHNICAL DATA SHEET

HASIT 254 RENOFINISH®

Renovation Finish

Areas of application

Mineral renovation and adhesion levelling polish with universal application areas. 1 to 2 mm application thickness. Special adhesive finish on mineral substrates such as lime-cement, gypsum-lime plaster, load-bearing old plaster or concrete surfaces and drywall. Mineral renovation finish. Plaster surfaces can be applied in quality levels Q1 to Q4 in accordance with the technical data sheet - Plaster surfaces in interior areas, German Federal Association of the Gypsum Industry Berlin, 2011 edition. Generally, large sample areas must be applied for this purpose. Not suitable for use on external thermal insulation composite systems. For the renovation of load-bearing old renders (also alkali-resistant synthetic resin renders) and load-bearing old coatings (also alkali-resistant dispersion coatings) as well as non-static cracks.

Properties

- Low-tension hardening
- Very good adhesion
- Low shrinkage
- Excellent processing
- Good levelling ability
- Application thickness up to 2 mm
- Sandable/grindable
- Wipe-proof

Application procedure

Technical data

Item number	2000142778
EAN	4038502146311
Customs Tariff No.	32149000
Packaging	
Quantity per unit	25 kg/unit
Unit per pallet	42 unit/Pal.
Grain size	0-0,1 mm
Consumption	approx. 1 kg/m²/mm
Consumption instructions	Consumption values are guideline values and depend heavily on the substrate and processing technology. When processing for the first time and for large areas, create sample areas.
Water consumption	approx. 9 L/unit
Water absorption	< < 2 kg/m²*min0,5

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Item number	2000142778
Vapour diffusion openness	High open diffusion
Compressive strength	≤ 4 N/mm² (28 d) EN 1015-11
Pressure resistance	≥ 2 N/mm² (28 d)
Thermal conductivity	0,45 W/mK for P=50% 0,49 W/mK for P=90%
Max. application density	2 mm
Profusion	Carbonization
Minimum plaster thickness	0,3 mm
Mortar class	Normal plaster mortar GP - CS II - WC0 EN 998-1
pH-value	12
Layer thickness	1-2 mm
Dry density	approx. 1330 kg/m³
Substrate temperature	5-25 °C
Packaging	In recyclable paper bags.
WDDZ min	15
WDDZ max	35

Material base

- Mineral
- Organic content < 5 %
- White marble powder
- White hydrated lime
- White cement (small proportion)
- Additives to improve processing properties

Application conditions

During the processing and drying phase, the ambient or substrate temperature must not fall below +5 °C and must not rise above +30 °C. Protect from frost during treatment and hardening (min. 3 days) of the material.

Surface

The surface has to be dry, without dust, unfrosted, absorptive, flat, sufficiently rough and bearing as well as without efflorescence and release agents creating a film (such as formwork oil and similar). Substrate testing must be carried out in accordance with DIN 18350. Remove damaged plaster parts. Remove cavities and loose parts.

Surface pre-treatment

Before reworking the old plaster, the substrate should be tested for its load-bearing capacity by means of pull-off adhesion testing. For this purpose, prepare sample areas of 1 m² using the filler and white HASIT reinforcement fabric at no less than 2 characteristic points. After drying (at least 7 days), the pull-off adhesion testing is carried out and evaluated. Non-bearing old plaster or paint must be removed. On carefully cleaned and dry concrete surfaces no bonding/adhesion bridge is required. Weak, flaking substrates can be reconditioned or reinforced using HASIT

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gelling agents.

Preparation

When processing manually, mix a bag in clean water according to the amount of water required using a motor stirrer or a compulsory mixer until a homogeneous mass is achieved. Let the product mature for about 10 minutes in the bucket after mixing, then mix again briefly. The binding material should not be re-mixed.

Processing note

The fresh mixture should be processed for 2 hours. During hardening – especially when using heating devices – good drying and hardening conditions must be ensured (e.g. by shock ventilation). Direct heating of the plaster is not permitted.

Application procedure

HASIT 254 RENOFINISH® can be applied with a stucco trowel (stainless steel) or with a suitable standard plastering machine (f.e. PFT G4, MAI 4YOU).
Application is generally carried out in two layers, each approx. 1 mm thick. The first layer should be applied with a slightly stiffer consistency. The two-layer application achieves a uniform surface quality.After the surface has dried, it can be smoothed with the stucco smoothing trowel. After drying, the smoothness can be sanded with a fine sandpaper for a particularly smooth surface.

Hazard statements

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

Storage

Store in a dry place and protect against moisture.
Properly stored, in an unopened container, the product is low in chromate in accordance with Regulation 1907/2006 EC Annex XVII at +20 °C, 65 % RH. Minimum shelf life 12 months after production (date of manufacture see packaging imprint).

Label

General information

This technical data sheet substitutes and annuls the previous editions of the same. If you have further questions, please contact your sales advisor or specialist retailer. Updated technical data sheets are available on the website www.roefix.com, or you can ask the sales representative. All technical data listed in this product specification has been determined under laboratory conditions.

For concrete substrates, the residual moisture must be less than 3 M-% (drying test). Do not plaster damp components (risk of later cracking). The masonry must be protected from moisture throughout the construction period. No treatment is possible for substrates burdened with humidity and/or salts. Movement joints must not be plastered over. A joint cut (trowel cut) must be made between wall and ceiling plaster or stairways, which is then felt over again on the surface. Plaster joints or suitable joint profiles must be considered when structural movements can occur. In terms of plaster and joint profiles, the manufacturer's guidelines must be observed. In the event of constant or recurring moisture penetration (e.g. due to missing seals, capillary rising damp, penetrating damp), plaster systems according to EN DIN 13914 with national annex DIN 18550 reduce their strength and water-repellent properties over time. Please refer to the current BFS information sheets and the VDPM/IWM or Bundesverband der Gipsindustrie e.V. guidelines.