

TECHNICAL DATA SHEET

HASIT 252 RENODESIGN®

Structural plaster for refurbishments



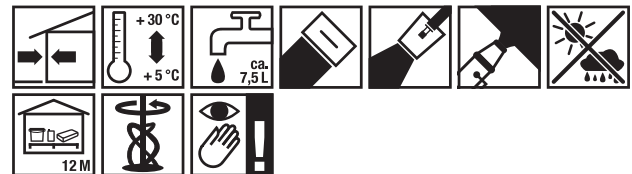
Areas of application

Fibre-reinforced and mineral refurbishment and special structural plaster. Universally applicable on standard, load-bearing substrates such as approved ETICS systems, old plasters and for the preservation of monuments and historic buildings. For reworking viable old plaster, including in monument preservation. Renovation plaster for the reworking of standard, load-bearing substrates. To be used on façade bases if the association guidelines for façade base plaster/outdoor installations are observed. Particularly suitable for individual plaster surface design.

Properties

- Excellent machine processing
- Fibre-reinforced
- Low-tension hardening
- Good adhesion
- Approved for thermal insulation composite systems

Application procedure



Technical data

Item number	2000080090	2000006495	2000006494	2000006496
EAN	4038502165138	4038502107237	4038502105639	4038502107244
Customs Tariff No.	32149000			
Packaging				
Quantity per unit	30 kg/unit			
Unit per pallet	42 unit/Pal.			
Grain size		0-1 mm	0-2 mm	0-3 mm
Colour	customizable	Natural white		
Consumption		approx. 1,5 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 absorption	Wc2 EN 998-1			

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Item number	2000080090	2000006495	2000006494	2000006496
Water vapour diffusion	approx. 20			
Vapour diffusion openness	High open diffusion			
Compressive strength	CS II EN 998-1			
Thermal conductivity	0,61 W/mK for P=50% 0,66 W/mK for P=90%			
pH-value	12			
Layer thickness	2-18 mm			
Packaging	In paper sacks.			

Material base

- Fibers
- High-quality crushed lime sand
- Mineral
- Organic content < 5 %
- White hydrated lime
- White cement (small proportion)
- Additives for improving adhesion

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. During applying and setting process provide frost protection (min. 7 days).

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 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. In case of bad weather conditions (excessive heat, strong winds) or if applying to highly absorbent surfaces, dampen the surfaces with water after applying the product. The surface may only be painted after the plaster

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has completely dried and hardened. This means about 7–10 days after plastering, better 2–3 weeks (depending on weather conditions).

Application procedure

For manual processing, apply the mixed material with the trowel or skim it on with the float.

Apply continuously on adjacent surfaces fresh-in-fresh. In machine treatment spray using the standard plastering machine.

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. 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.