



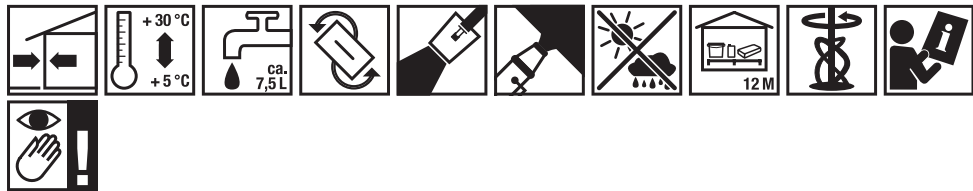
HASIT 250 RENOPLUS®

Renovation and levelling plaster

Areas of application: Mineral renovation and levelling plaster for general use. 3 to 30 mm application thickness possible in one layer.
 For the reworking of old plasters, also in the preservation of historical monuments. Up to 5 mm layer thickness as reinforcement filler used in plaster renovations together with HASIT reinforcement fabric. Levelling plaster for the reworking of standard, load-bearing substrates. Do not use for gluing or reinforcing insulation boards.
 For the reworking of load-bearing old plasters and load-bearing old paintwork as well as non-static cracks.
 Particularly suitable to compensate for uneven surfaces, unevenly absorbent, in case of different thicknesses as well as for plastering heating and hot water tubes in the wall.

- Properties:**
- Excellent processing
 - Good adhesion
 - Fibre-reinforced
 - Low-tension hardening
 - Application thickness 3–30 mm
 - Low shrinkage

Application procedure:



Technical data		
Item no.	2000068069	2000068111
EAN	4038502107398	4038502147479
Customs Tariff No.	32149000	
Packaging type		
Quantity per unit	25 kg/unit	1,000 kg/unit
Unit per pallet	42 unit/Pal.	
Granulation	0 - 1 mm	
Yield per litre		approx. 790 l/t
Consumption	approx. 1.5 kg/m ² /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.	
Amount of water required	approx. 7.5 l/unit	
Layer thickness	3 - 30 mm	
Minimum plaster thickness	3 mm	
Max. application density	30 mm	
Dry density	approx. 1,400 kg/m ³	
Water vapour diffusion μ	15 - 20	
Thermal conductivity λ10,dry	0.45 W/mK (Table value) for P=50%	
Thermal conductivity λ10,dry	0.49 W/mK (Table value) for P=90%	
pH-value	approx. 12	
Pressure resistance (28 d)	≥ 1 N/mm ²	
Compressive strength (28 d)	≤ 3 N/mm ² (EN 1015-11)	



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Item no.	2000068069	2000068111
E-module	approx. 3,500 N/mm ²	
Water absorption	≥ 2 kg/m ² /24 h	
Reaction to fire (EN 998-1:2016)	A1	
MG (EN 998-1)	Normal plaster mortar GP - CS II - WC0	

- Material base:**
- White hydrated lime
 - White cement (small proportion)
 - High-quality crushed lime sand
 - Addition of fibres
 - Additives to improve processing properties
 - Organic share <5%
 - Mineral

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.
The render versions for wall heating systems depend on the render base, i.e. the supporting wall of the wall heating.

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.
Unstable old plaster and existing paint must be removed.
After installing the wall heating systems on mineral supports such as solid and hollow masonry blocks, no pretreatment of the substrate is required.
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.

Application procedure: For manual processing, apply the mixed material with the trowel or skim it on with the float.
When used as reinforcement plaster, insert HASIT Reinforcement Fabric White. The reinforcement fabric shall be embedded near the surface but completely covered.
In machine treatment spray using the standard plastering machine.
After applying even with a batten. After the beginning of hardening, roughen or smoothen the surface for subsequent coating using scraping tools.
Structuring trowel
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.
Not suitable for laying large ceramic wall tiles or heavy natural stone slabs. Slab laying in small areas is possible on surfaces with minor moisture exposure (e.g. domestic kitchens, toilet rooms) after sufficient curing (min. 4 weeks).
To reduce the danger cracks forming in plaster of wall heating systems, it is usually suggested that a reinforcement net be applied.



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Please note:

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. 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. For surfaces to be tiled, the plaster should not be felted but only levelled. 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.

Quality assurance:

The product is continuously monitored in a laboratory and is certified by the Bayerischer Baustoffüberwachungs- and Zertifizierungsverein - BAYBÜV - e.V.

Packaging:

In recyclable paper bags.

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).

Hazard statements:

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

Certificates:

General information:

This technical data sheet substitutes and annuls the previous editions of the same. Time-based values refer to standardised climatic conditions (+20 °C/65 % relative humidity). These can vary due to environmental factors, such as temperature, moisture and type of substrate. 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.