



RÖFIX KHP BASIS

Synthetic resin decorative plaster

Technical information and recommendations: For information and advice on the safe handling, storage and disposal of our products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data. The essential mandatory requirements for tools, methods and precautions to be employed shall be in accordance with the requirements specified in the general and relevant codes for their respective countries (UNI, ÖNORM, SIA, etc.) and with the recommendations issued by the national bodies (e.g. SMGV, ÖAP, HQ-WDS).

Intended uses: Ready-to-use thin-coat decorative plaster.
Structured, elastic decorative plaster for facades on plasters and thermal insulation systems base layers.

Characteristics/Advantages:

- Low tensions due to the RÖFIX RELAX technology
- Good workability

Application:



Product data:			
SAP-Art. No.:	141266	141268	141954
NAV-Art. No.:	141266	141268	141954
Packaging type			
Units on pallet	24 UM/Pal. (AT) 24 UM/Pal. (CH) 24 UM/Pal. (BA) 24 UM/Pal. (BG) 24 UM/Pal. (HR) 24 UM/Pal. (RS) 24 UM/Pal. (SI) 24 UM/Pal. (SQ)		
Quantity per unit	25 kg/UM		
Colour	white		
Plaster structure	Stone powder ("Rice Grain")	Stone powder ("Rice Grain")	Grated structure ("Rustic")
Aggregate size	0 - 1.5 mm	0 - 2 mm	0 - 2 mm
Indicative amount required	approx. 2.4 kg/m ²	approx. 3 kg/m ²	approx. 2.7 kg/m ²
Dry bulk density	approx. 1,800 kg/m ³		
Coefficient of relative diffusion resistance μ	- 150		
pH-value	- 8.5		
Specified heat capacity	approx. 1 J/kg K		
Water absorption	< 0.1 kg/m ² h		
Packaging information	Recyclable plastic buckets.		
Substrate temperature	> 5 - < 25 °C		

Constituents:

- Acrylic resin based co-polymer dispersion
- Selected whiter marble sand
- Colour pigments

Application information: During application and drying, the ambient air and substrate temperature, respectively, should not fall below +5 °C. Until complete drying protect the applied product against rapid drying (air currents, direct sunlight) and humid/damp conditions (rainfall). Relative air humidity should not exceed 65% during application and drying.



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Substrate:	The substrate must be dry, resistant, clean, free of dust, algae, efflorescence, soot, etc. For freshly applied plasters (e.g. lime or cement lime), allow drying periods of at least 2 - 3 weeks. Low temperatures will increase the waiting time. The substrate must be properly inspected, in accordance with all applicable requirements of relevant codes.
Recommended substrates:	Lime-based support plasters: Not suitable for application. Lime/cement plasters: suitable Lightweight plasters: On levelling plasters (Renoplus, Renostar) Thermal insulation plasters: Not suitable for application. Concrete: On levelling plasters (Renoplus, Renostar) Non-painted, non-coated old mineral plasters: On renovation plasters (Renoplus, Renostar) Old plaster with mineral paint: On renovation plasters (Renoplus, Renostar) Old organic plaster: On renovation plasters (Renoplus, Renostar) Dry plasterboards: Not suitable for application. Gypsum cardboards: Not suitable for application. Reinforced gypsum cardboard (e.g. Fermacell): Not suitable for application.
Substrate preparation:	The substrate shall be pre-treated at least 24 hours before applying the decorative plaster using the appropriate undiluted RÖFIX primer, applied over the entire surface and to saturation using a brush or a roller. Fragile, cracked, old paint layers shall be mechanically removed. High absorbent substrates shall be properly primed. PP 201, PP 301 or PP 401 primers should be diluted with water so that they are completely absorbed into the substrate, leaving no film after drying. If there are any uneven areas in the substrate, straighten using leveling mortar, e.g. RÖFIX Renoplus, Renostar.
Mixing:	Ready-to-use product. To prevent loss of performance adjust consistency by adding water, only during mixing of the batch. Before application, remix briefly with a suitable electric mixer (low speed). During the application of the decorative plaster, mix once in a while to avoid sedimentation of the grains.
Application:	“Apply as decorative plaster”: with a clean stainless steel trowel, apply evenly to grain size thickness. Adjacent, connected plaster surfaces, are coated continuously using the “wet-on-wet” method. Trowel “Structure as a decorative plaster” using the appropriate floating trowel (plastic/polystyrene) until the desired structure is achieved. Depending on the float technique, smoothen and structure in a timely manner using the appropriate floating trowel. Clean regularly the structuring tools!
Recommendations:	Thickness of the thin-coat decorative plaster: The maximum grain size is applied. Protect adjacent construction items (frames, windows, doors reveals) by covering before applying the material. Use a steel trowel to create a more uniform layer thickness than when using a plastic floating trowel. To avoid differences in shades and quality of the completed job, use the same tools throughout. Before work commences, refer to the Product Data Sheet and Safety Data Sheet and adopt all necessary measures in accordance with the requirements of guidelines for application of decorative plasters, as well as other nationally recognised legislation.
Hazard Information:	Detailed product safety information is obtained from the Safety Data Sheets. Before work commences, refer to the Product Data Sheet and Safety Data Sheet.
Placement conditions:	The product in already opened bags shall not be re-used and/or mixed in fresh batches. Clean tools thoroughly after use. Low temperatures and high relative air humidity prolong the setting time. Uneven absorbent substrates may change the desired shade. Excessive dilution or application in windy and/or sunny conditions may lead to the formation of cracks and gaps. Relative air humidity should not exceed 65% during application and drying.



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Storage:

Store in tightly closed packaging in moderate temperatures, frost-free areas.
Shelf life: at least 24 months, in good storage conditions.

Approvals/Standards:



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General remarks:

This technical data sheet voids and substitutes all previous editions.

The data and instructions in this data sheet are based on our best practical and laboratory experience.

The information, and, in particular, the recommendations relating to the application and end-use of our products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with relevant recommendations. Actual measured data may vary due to circumstances beyond our control. No warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The information presented does not create a legal relationship between the manufacturer and the user. The disclosure of this information does not release the user of his/her own evaluation of the product's suitability for the intended application and purpose.

For decorative plasters, the base layer of plaster should have a compressive strength of at least 1.5 N / mm². Do not use on damp substrates and on horizontal wet substrates. Stain-free finished surfaces are not a guarantee in variable weather and under all local conditions. When using natural materials, minor shade differences may occur. Prepare coloured plasters for adjacent surfaces only from the same order/delivery. In case of change orders, indicate the project and the date of the first order. Superimposing materials may result in shade differences. Check if the material corresponds to the ordered shade before application. After application, no claims for differences in shade will be accepted.

Weather conditions, UV intensity and exposure to moisture change the surface over time. Visible changes in shades are possible. This changing process is influenced by local weather conditions.

Recommendation: The stability of intensive and/or very dark shades may be improved by additional painting.

If layers are not dried sufficiently, under the influence of water, e.g. dew, fog/rain, it may cause active substances to dissolve and accumulate on the surface. Depending on the intensity of the shade, differences may be very visible. This does not affect the quality of the product. The effects should disappear after subsequent atmospheric exposures.

We ensure the constant quality of our products through regular monitoring of the production process and the quality of the raw materials in use.

Refer to our technical service for further information and demonstrations. All technical data stated herein are based on laboratory tests for white products. By pigmentation, actual measured data may vary. Stated values are average values. Because of the natural raw materials used, slight differences in colour may arise from the standard colour palette in case of individual deliveries. In case of substrates that are not listed herein, please contact Technical Support. In case of subsequent work cycles, prepare on-site test surfaces to check the matching of shades, since colour variations are possible. The stated data and the drying times are measured for values of (20 °C / 65% relative humidity) under laboratory conditions and may vary depending on local conditions.

Detailed product safety information is obtained from the Safety Data Sheets. Before work commences, refer to the Product Data Sheet and Safety Data Sheet.