

### Note on English translation / Hinweise zur englischen Fassung

This is a translation of the product data sheet valid in Germany.

All stated details and properties are in compliance with the regulations of the German standards and building regulations. They are only applicable for the specified products, system components, application rules, and construction details in connection with the specifications of the respective certificates and approvals.

Knauf Gips KG denies any liability for applications outside of Germany as this requires changes acc. to the respective national standards and building regulations.

# KNAUF



Plaster and Façade Systems

## P545a.de

Product Data Sheet

2021-02



# Rotband Reno

Hand-applied readymix plaster

### Product description

Rotband Reno is an organic filling compound with additives and fillers on a calcium carbonate basis with polymer dispersion binder for application in interiors.

### Storage

Protect against frost, high temperatures and exposure to direct sunlight. Can be stored at room temperature for at least 12 months.

### Quality

In compliance with EN 15824, the product is subject to initial type testing and continuous factory production control and bears the CE marking.

### Properties and added value

- Ready mixed
- Organic
- Good filling properties
- Quick drying
- Good adhesive properties
- Coat thickness up to 3 mm per layer
- Hand application
- Solvent and softener free acc. to VdL-RL01
- VOC content < 0.1 % and < 1 g/l acc. to RL 2004/42/EC
- The product is compliant with German Sustainable Building Council (DGNB) quality levels QS 1, 2, 3 and 4 as well as the requirements of LEED v4

### Field of application

- Full surface levelling of old plaster (e.g. floated render, groove render, gypsum plaster, lime/cement plaster)
- Full surface skim of concrete (formwork unit / prefab)
- Full surface levelling of flat units (lime sandstone, aerated concrete, gypsum boards)
- Full surface levelling of gypsum boards, gypsum fibre boards and cement boards
- Thin layer plastering of common and level substrates
- Full surface levelling of tiles in conjunction with Spraykontakt primer
- Manufacture of surfaces for all quality levels
- Bedding of fleece layer

### Application

#### Substrate and pretreatment

Repair and fill large flaws with a gypsum filler/plaster (e.g. Multi-Finish/ Rotband Haftputz bonding plaster), and fill joints of gypsum boards, gypsum fibre boards and cement boards beforehand with a suitable material and allow to fully dry. Repaired flawed areas should not be smoothed and any existing sinter skin should be removed. Pretreat tiling substrates with Spraykontakt primer.

#### Preparation

Check the substrate in acc. to VOB part C, DIN 18363, part 3. All substrates must be stable, dry, even and free of grease and dust as well as free of any residual substances that may reduce the adhesion. Any existing sinter skin should be removed. Cover easily-soiled building components before commencement in accordance with Code of Practice "Abklebe- und Abdeckarbeiten für Maler- und Stuckateurarbeiten - *Masking and covering for painting and stucco work*" (German only) issued by the Bundesverband Ausbau und Fassade.

#### Mixing

Rotband Reno is ready-to-use and is applied by hand with a trowel. Stir the material before application if necessary.

The setting characteristics of the material can be adjusted by adding and stirring in a (maximum 1 %) quantity of clean water (e.g. 200 ml water for 20 kg Rotband Reno). Apply diluted material promptly.

#### Application

Rotband Reno should be applied at a thickness up to 3 mm to the surface using rust-free tools and then spread on the surface. For particularly smooth surfaces, apply a thin skim coat after setting and drying using fresh material. If necessary, the surface can be sanded with a hand held sander or grinder with shaft (e.g. Giraffe) when fully dry. With multiple layers, the overall maximum layer thickness is 5 mm.

#### Sanding recommendation

For orientation purposes we recommend sanding using the following machines and abrading media:

- Full wall and ceiling surface with Festool Planex LHS 2 225 EQI-Plus using Granat P180 or Granat Net P240.
- Corners and small surfaces using Festool hand sanders (e.g. RTS/C, DTS/C, ETS EC 150/5), sander disc STF and abrasive net media Granat Net P320.

Use of a dust class M mobile vacuum extraction unit is recommended for health reasons. It also significantly improves the sanding result.

### Reinforcement

Apply material to the substrate. Ensure that no flaws occur and only apply a single width. Bed the fleece directly after application. Embed the fleece on the entire surface, e.g. press in well with a plastic trowel, roller or surface leveller. The layer thickness under the fleece may not be less than 1 mm after the fleece is pressed in. Should a second material layer be applied on the fleece (e.g. as with glass fibre fleece), it should only be applied when the primary layer under the fleece has fully dried. Application is once again undertaken using rust-free (stainless-steel) tools. The base filler is subsequently levelled with a wide spatula held flat without pressure being applied. When fully dry, the surface can be sanded as required.

#### Application temperature / climate

Do not apply with air, material and/or substrate temperature below +5 °C. Protect the applied filler material against frost until fully hardened and dry.

#### Application time

The material hardens by drying.

Open time after application: Depending on the plaster substrate, application thickness and room temperature approx. 20 minutes.

#### Cleaning

Clean the machines and tools with water immediately after use.

### Coatings and linings

Always pretreat and prime surfaces filled with Rotband Reno before the application of coatings and linings (wallpapers) in accordance with Code of Practice no. 6 of the BVG "Vorbereitung von Trockenbauflächen aus Gipsplatten zur weitergehenden Oberflächenbeschichtung bzw. bekleidung" (German only)

Use only adhesives made of methyl cellulose according to BFS Code of Practice no. 16 "Technische Richtlinien für Tapezier- und Klebearbeiten" released by the Bundesausschuss Farbe und Sachwertschutz in Frankfurt/Main (German only). After wallpapering with paper or fibre-glass wallpapers as well as after application of resin / cellulose plasters, quick drying must be ensured through adequate ventilation.

<b>Note</b>	Rotband Reno is not suitable as a substrate for tiles.
-------------	--

### Technical data

Description	Standard	Unit	Rotband Reno
Reaction to fire	EN 15824	Class	A2-s1, d0
Density	–	g/cm <sup>3</sup>	1.3
Colour shade	–	–	White
Bond strength	EN 15824	MPa	≥ 0.3
Grain size	–	µm	≤ 250
pH value	–	–	8 – 9

The stated technical data were evaluated acc. to the respective test standards. Deviations under site conditions are possible.

### Material requirement and efficiency

Coat thickness mm	Consumption approx. kg/m <sup>2</sup>	Yield approx.	
		m <sup>2</sup> /20.0 kg bucket	m <sup>2</sup> /11.5 kg bucket
1.0	1.3	15.4	8.8

The exact consumption can only be determined with a test application on the individual object.

### Product range

Description	Application kg/bucket	Packaging unit Bucket / pallet	Material number	EAN
Rotband Reno	20	33	00493487	4003982325457

### Sustainability and environment

Short description	Unit	Value
Requirements of the German AgBB-scheme	–	fulfilled
Complies with the requirements of the French emission class	–	A+
Available certificates	–	IBR
VOC content acc. to RL2004/42/EC	%	< 0.1
VOC content acc. to RL2004/42/EC	g/l	< 1
Solvent-free and softener-free acc. to VdL-RL01 (Revision 4)	–	Yes
Environmental Product Declaration	–	EPD-KNA-20190091-IBG1-DE



**Observe safety data sheet!**

For safety data sheets and CE marking see  
[pd.knauf.de](http://pd.knauf.de)



Videos for Knauf systems and products can be found under the following link:  
[youtube.com/knauf](https://youtube.com/knauf)



The iPad App Knauf Infothek now provides all the current information and documents from Knauf Gips KG at any time and in every location in a clear and comfortable way.

[Knauf Infothek](#)

**Knauf Direct**

Technical Advisory Service:

▶ [knauf-direkt@knauf.de](mailto:knauf-direkt@knauf.de)

▶ [www.knauf.de](http://www.knauf.de)

**Knauf Gips KG** Am Bahnhof 7, 97346 Iphofen, Germany

All technical changes reserved. Only the current printed instructions are valid. The stated information represents current state-of-the-art Knauf technology. The entire state of approved engineering rules, appropriate standards, guidelines, and rules of craftsmanship are not included herewith. These and all application instructions have to be adhered to separately by the installer. Our warranty is expressly limited to our products in flawless condition. All application quantities and delivery amounts are based on empirical data that are not easily transferable to other deviating areas.

All rights reserved. All amendments, reprints and photocopies, including those of excerpts, require our expressed permission.