

## 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.

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# KNAUF



Plaster and Façade Systems

## P234a.de

Product Data Sheet

2020-01



# Butz

Coloured stone render

### Product description

Ready-to-use, paste-like coloured stone render with washed plaster effect.

### Composition

Acrylic dispersion, colour matched natural stone granulate, pigmented with non-yellowing, free of heavy metals, physiologically inert pigments, free of softeners.

### Storage

Protect against frost, high temperatures and exposure to direct sunlight. The material can be stored for up to 12 months in the original container in a cool, frost-free environment (+5 °C to +25 °C).

### 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

- Paste-like ready-to-use finishing coat acc. to EN 15824
- Mortar group P Org 1 acc. to DIN 18550
- Suitable for interior and exterior application
- Ready-mixed
- Water-repellent
- Diffusion permeable
- Permanent driving-rain protection
- Scratch and impact-proof
- Manual application

### Field of application

Designed for the creation of coloured stone render with a washed plaster effect by application with a stainless steel finishing trowel. For surface design on areas subject to greater wear and tear such as plinth surfaces in the splash-water area, in stairwells, corridors and entrance areas, etc.

As an organically bonded coloured stone render on

- Knauf WARM WALL systems
- Lime, lime-cement and cementitious renders for outdoors
- Gypsum plasters
- Gypsum boards and plaster blocks

## Application

### Substrate and pretreatment

Substrate	Pretreatment
Lime-cement and cementitious plasters such as UP 210(s), Sockel LUP, UP 310	Pigmented Quarzgrund Pro <sup>1)</sup>
Basecoats such as SM700 Pro, SM300, Sockel-SM, Lustro and surfaces sealed with Sockel-Dicht plinth sealant	Pigmented Quarzgrund Pro <sup>1)</sup>
Concrete	Pigmented Quarzgrund Pro <sup>1)</sup>
Non-stable paint coats	Remove completely, and if necessary, apply a primer coat of Grundol and a coat of pigmented Quarzgrund Pro <sup>1)</sup> .
Bonded coats and stable old plaster layers (level)	With absorbent substrates apply a primer coat of Grundol and a coat of pigmented Quarzgrund Pro <sup>1)</sup> . With non-absorbent substrates apply a coat of pigmented Quarzgrund Pro <sup>1)</sup> .
Stable old render layers (coarse)	Level with SM700 or Sockel-SM and smooth the surface. Coat with pigmented Quarzgrund Pro <sup>1)</sup> .
Gypsum boards and gypsum-fibre boards	Sand down coarse filler and remove the dust. If necessary, apply a primer coat of Grundol and a coat of pigmented Quarzgrund Pro <sup>1)</sup> . If there is a danger of possible yellowing (observe BFS Code of Practice No. 12), application of a second coat of Aton Sperrgrund barrier coating is necessary
Gypsum wallboards	With absorbent substrates apply a primer coat of Grundol and a coat of pigmented Quarzgrund Pro <sup>1)</sup>

1) Recommended colour shades for pigmented Quarzgrund Pro acc. to the Knauf ColorConcept  
Anthracite GS322; Grisall BP334; Jura YB333; Coral OR322

### Preparation

Check substrate for compliance with VOB part C, DIN 18350, DIN 18345 chapter 3.1 and/or according to VOB part B, DIN 1961 paragraph 4 no. 3. Clean the substrate of dust and loose parts and remove, ensure that the surface is smooth. Cover easily-soiled building components before commencement in accordance with Code of Practice "Abklebe- und Abdekarbeiten für Maler- und Stuckateurarbeiten" issued by the Bundesverband Ausbau und Fassade. Protect fresh coats from the effects of moisture, e.g. from precipitation and from the effects of rapid water loss, e.g. by exposure to direct sunshine, strong wind, by protecting with suitable measures such as protective nets.

Preparation of the substrate in accordance with the "Substrate/Pretreatment"

table. Basecoats must be fully dry and set before the application of Butz. Allow primer coats to dry for at least 12 hours before continuing work. 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.

### Application

The colour shade should be verified before application. Ensure that the batch numbers are the same or only mix sufficient material required to finish a full rendered surface. Slowly mix the contents of the bucket by hand or by using a slowly operating stainless steel mixer.

Caution	Do not use aluminium tools when stirring, as it will cause discolourations.
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The application consistence can be set by adding a small quantity of water if necessary. Apply Butz using a stainless steel finishing trowel at 1.5 times grain thickness to the full surface on the dry substrate, and after waiting for a short drying time (temperature-dependent), smooth uniformly in one direction (vertically or horizontally, to suit the incidence of daylight) so that the grains are closely compacted together. Clean the machines and tools with water immediately after use.

### Plinth application

After drying out, all rendered surfaces in contact with ground or gravel beds shall be waterproofed/protected against moisture ingress, starting from basement wall waterproof barrier up to approx. 5 cm above ground level, in accordance with DIN 18195. For this purpose, Sockel-Dicht plinth sealing can be applied with a thickness of at least 2.5 mm (double-layer). Apply a fleece laminated dimpled sheet after drying.

### Drying time

Butz physically dries by the evaporation of water. With good weather conditions Butz is surface dry and usable after 3 to 4 days. The material is generally fully dried after about 8 days. The drying time will be extended by unsuitable temperatures/air humidity.

### Application temperature/climate

Do not apply material at air and/or substrate temperatures below +5 °C and above +30 °C. Protect fresh mortar from frost and rapid drying.

### Cleaning

Clean the machines and tools with water immediately after use.

Renders must be applied according to EN 13914, DIN 18550, DIN 18345, DIN 55699 and DIN 18350, VOB part C as well as the generally recognized building engineering rules and valid guidelines.

### Note

Butz is resistant to environmental pollutants and microorganisms. No guarantee can, however, be given for long-term protection against algal and fungal growth. The susceptibility depends on the local and environmental conditions. The information stated here does not release the purchaser from their own examination and tests with regard to the suitability for the intended purpose. A guarantee of the general validity of all the information stated is excluded due to the different application and on-site conditions.

Differences in colour shades can result due to the contained natural aggregates. The brief appearance of a milky surface with heavy rainfall is normal and fully safe. When reordering, always state the consignment number of the previous delivery.

### Technical data

Description	Standard	Unit	Value
Reaction to fire	EN 13501-1	–	A2-s1, d0
Graining	–	mm	2.0
Water vapour permeability	EN ISO 7783	Category	V <sub>2</sub>
Capillary water absorption	EN 1062-3	Category	W <sub>3</sub>
Bond strength	EN 1542	MPa	≥ 0.3
Durability (frost resistance): Permeability w	EN 1062-3	kg/(m <sup>2</sup> ·h <sup>0.5</sup> )	≤ 0.5

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

### Material requirement and efficiency

Substrate	Consumption approx. kg/m <sup>2</sup>	Yield approx.	
		m <sup>2</sup> /bucket	m <sup>2</sup> /ton
Butz (smooth)	4.5	5.5	220.0
Butz (rough)	5.0	5.0	200.0
Butz Grisall (smooth)	4.5	4.4	220.0
Butz Grisall (rough)	5.0	4.0	200.0

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

### Product range

Description	Package kg/bucket	Packaging unit Buckets/pallet	Material number	EAN
Butz Anthracite	25	24	00040917	4003950019227
Butz Jura			00040914	4003950019197
Butz Coral			00040919	4003950019241
Butz Grisall	20		00063333	4003950044052

### Colour effect

Example	Description	Example	Description
	Anthracite		Jura
	Grisall		Coral



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For safety data sheets and CE marking see  
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**Knauf Gips KG** Am Bahnhof 7, 97346 Iphofen, Germany

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