

Note on English translation / Hinweise zur englischen Fassung

This is a translation of the technical 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.



P234a.de



Plaster and Façade Systems

2014-01

Knauf 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.

Order information

25 kg bucket

■ Anthracite	Material no. 00040917
■ Granite	Material no. 00040918
■ Jura	Material no. 00040914
■ Coral	Material no. 00040919
■ Porphyry	Material no. 00040916
■ Sapphire	Material no. 00040915
■ Sepia	Material no. 00040920

20 kg bucket

■ Grisall	Material no. 00063333
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Storage

Protect against frost, high temperatures and exposure to direct sunlight. The material can be stored for up to 18 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 is marked with the CE marking.

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
- on lime, lime cement and cementitious plasters both indoors and outdoors,
- on gypsum plasters,
- on gypsum boards and plaster block.

Properties and added value

- Ready-to-use finishing coat acc. to EN 15824
- Mortar group P Org 1 acc. to DIN V 18550
- For interior and exterior application
- Ready mixed
- Water-repellent
- Diffusion permeable
- Permanent driving-rain protection
- Scratch and impact-proof
- For manual application

Application

Substrate	Pretreatment
Lime-cement and cementitious plasters such as UP 210(s), Sockel LUP, UP 310	Pigmented Quarzgrund. ¹⁾
Basecoats such as SM700 Pro, SM300, Sockel-SM, Lusto and surfaces sealed with Sockel-Dicht plinth sealant	Pigmented Quarzgrund. ¹⁾
Gypsum plasters	Pigmented Quarzgrund. ¹⁾
Concrete	Pigmented Quarzgrund. ¹⁾
Non-stable paint coats	Remove completely, apply a primer coat of Grundol and a coat of pigmented Quarzgrund ¹⁾ .
Bonded coats and stable old plaster layers (level)	With absorbent substrates apply a primer coat of Grundol and a coat of pigmented Quarzgrund ¹⁾ . With non- absorbent substrates apply a coat of pigmented Quarzgrund ¹⁾ .
Stable old render layers (coarse)	Level with SM700 or Sockel-SM and smooth the surface. Coat with pigmented Quarzgrund ¹⁾ .
Gypsum boards and gypsum-fibre boards	Sand down coarse filler and remove the dust. Apply a primer coat of Grundol sealing coat with Aton Sperrgrund barrier coating and coat with pigmented Quarzgrund ¹⁾ . 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 ¹⁾ .

1) Recommended colour shades for pigmented Quarzgrund acc. to the Knauf ColorConcept:

Anthriscite GS322 Granite OR311 Grisall BP334 Jura YB333
Coral OR322 Porphy BP322 SapphireBP112 Sepia 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 remove loose parts, 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. Substrate pretreatment according to the pretreatment table. Basecoats must be fully dry and set before the application of Butz. Preliminary coatings/primers must dry for at least 12 hours before the next coat is applied. 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. Important: Do not use aluminium tools when stirring, as it will cause discolourations. When necessary, a small quantity of water may be added to set the application consistency. 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, Knauf Sockel-Dicht plinth sealing can be applied with a thickness of at least 2.5 mm (double-layer). Cover with 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 3-4 days. The material is generally fully dried after about 8 days. The drying time will be extended with unsuitable temperatures/air humidity.

Application temperature / climatic condition

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.

Special notes

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

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. Slight differences in colour hues can occur due to the use of 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.

Safety instructions and disposal

See Safety Data Sheet.

Technical data

EN 15824

Reaction to fire:	A2-s1, d0	EN 13501-1
Grain size:	2.0 mm	
Water-vapour transmission rate (category):	V ₂	EN ISO 7783
Water absorption (category):	W ₃	EN 1062-3
Bond strength:	≥ 0.3 MPa	EN 1542
Durability (frost resistance):		
Permeability w:	≤ 0.5 kg/(m ² ·h ^{0.5})	EN 1062-3

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

Material requirement / efficiency

	Substrate	Graining mm	Consumption kg/m ²	Yield m ² /bucket
Butz	Smooth	2.0	4.5	5.5
Butz	Rough	2.0	5.0	5.0
Butz Grisall	Smooth	2.0	4.5	4.4
Butz Grisall	Rough	2.0	5.0	4.0

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

Colour effect

	Anthracite		Coral
	Granite		Porphyry
	Grisall		Sapphire
	Jura		Sepia

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