

# Technical Data Sheet

## MINERAL PUTTY



### Scope of application

Ready-to-use mineral putty for interior use with very high filling power, particularly suitable for mineral substrates. It can also be used to achieve surface qualities Q3 or Q4 on plasterboard, see BVG Data Sheet No. 2 and BFS Data Sheet No. 12, part 2. Also suitable for repairing small joints and defects, cavities and cracks, for smoothing plaster and concrete surfaces or glass fabric.

Suitable mineral substrates include lime, clay or cement substrates. The KRAUTOL mineral putty is also suitable for processing on filigree concrete elements as well as refinishing stable gypsum and structural plasters and fibreglass wallpapers.

### Product features

- Ready for processing
- Work seamlessly on large areas
- Less time required due to easy processing
- Extendable to zero
- Very good adhesion
- Very easy to sand
- Highly permeable to diffusion
- Not suitable for damp rooms, laundry rooms and rooms with high humidity
- Classification of fire: A2-s1, d0 according to DIN EN 13501-1
- Classification of scope of application

Exterior 1	Exterior 2	Interior 1	Interior 2	Interior 3
-	-	+	-	-

(-) not suitable / (o) partially suitable / (+) suitable

Classification according to climatic conditions of the scope of application Please note the technical information "Classification of areas of application".

### Density

approx. 1,500 g/m<sup>2</sup>/mm layer thickness

### Material base

Synthetic resin dispersion according to DIN 55 945 with a very high mineral content >97%

### Dilution

Ready for processing Can be diluted with water to working consistency.

### Tint

No tinting possible.

### Processing type

**Hand, roller and spray application possible**

#### by manual application:

Apply with stainless-steel trowel and smoothen with a surface squeegee. To achieve a Q4 surface, comb the chord putty with a fine-toothed 3 x 3 mm notched trowel and smooth it with the surface squeegee. After drying, sand flat.

#### Airless spray application:

Nozzle	0.035" – 0.043"
Spray pressure	150 - 180 bar

Airless application with equipment recommended for putty. Remove filters from airless guns.

#### Roller application:

Adjust material to rolling consistency with water. Roll up with a special roller and smoothen with a squeegee. After drying, sand flat.

### The right tool

Stainless steel trowel, stainless steel smoothing trowel, surface squeegee, special nylon fibre roller spatula

### The suitable primer

KRAUTOL SILICATE FIXATIVE  
KRAUTOL PENETRATING STOPPER

### Substrate

The surface must be stable, dry and free of loose parts, dust, oil, grease and other substances that act as separating agents. Existing old coatings must be tested for suitability, adhesion and stable capacity. If the surface is critical, please carry out

preliminary tests and prepare with the appropriate KRAUTOL products.

For absorbent surfaces, apply a base coat of KRAUTOL PENETRATING STOPPER. Seal off any penetrating stains in the substrate with KRAUTOL MULTI TRANSITION PRIMER, KRAUTOL UNIVERSAL PRIMER or KRAUTOL INSULATION PRIMER / ISOLATING SPRAY. Roughen the surface of shiny, stable old coatings and check adhesion using test surfaces, if necessary, prime with KRAUTOL WP-UNI. Observe VOB Part C, DIN 18 363, paragraph 3.

#### Coating system

After pre-treating the surface, apply and smoothen KRAUTOL mineral putty evenly with a stainless-steel trowel. A machine application is also possible. Apply maximum 5% diluted full-surface spay, and with a suitable steel trowel immediately smoothen evenly. Once completely dry, sand or wet with water and rub any resulting material sludge flat with a sponge disk. Smoothen any putty sludge using the stainless-steel trowel. Before further processing with KRAUTOL products, treat the completely dried putty with a primer suitable for subsequent coating. KRAUTOL Mineral putty can then be used with all KRAUTOL silicate, emulsion and latex paints as well as KRAUTOL fleeces. In order to work with mineral system, the use of KRAUTOL Silicate Bio In is preferred. Please note leaflet No. 2 "putty of plasterboard surface qualities" from the BVG.

#### Q1 Basic putty application:

*Filling the butt joints of the plasterboards and covering the fasteners. Any excess putty material must be removed. Tool-related markings, grooves and burrs are permitted.*

#### Q2 Standard putty application:

*Basic putty application (Q1) + subsequent application (fine application, finish) until a smooth transition to the board surface is achieved. No processing marks or putty ridges may remain visible. If necessary, the filled areas must be sanded.*

#### Q3 Special filling:

*The standard filling (Q2) and wider filling of joints as well as sharp wiping off of the remaining cardboard surface to close the pores with filling material. If necessary, the filled surfaces must be sanded.*

#### Q4 Special filling:

*The standard filling (Q2) and a subsequent layer of filling over the entire surface of the board (up to approx. 3mm).*

#### Processing instructions

- Lower temperature limit for processing and drying +5 °C for substrate and circulating air.
- Material temperature during processing +10° C.
- When reworking putty with gypsum content, long-term exposure to moisture can cause swelling, blistering and flaking. Adequate ventilation and temperature should ensure rapid drying. Observe data sheet No. 2 "putty of gypsum boards" from the Federal Association of the Gypsum and Gypsum Board Industry.
- Fine air bubbles can form on dense, less absorbent surfaces. These can be removed after a short flash-off time by smoothing again. The timing of subsequent smoothing depends on the temperature and humidity of the object.
- If bubbles appear again after smoothing, then the smoothing was carried out a little too early. Then repeat the smoothing process.
- For rough, structured surfaces, subsequent filling may be necessary to achieve a smooth, even surface.

#### Consumption

Per millimetre of layer thickness approx. 1.6 kg/m<sup>2</sup>. Please determine the exact consumption using a test coating.

#### Drying

Depending on the building moisture, temperature, relative humidity and layer thickness after approx. 12 - 48 hours. Clean the tools with water immediately after use.

#### Storage

Store cool but frost-free. Protect from direct sunlight. Always close opened containers tightly.

#### Please note

Can cause allergic skin reactions. If medical advice is required, have packaging or identification label available. Keep out of reach of children. Do not allow to get into the eyes, on skin or on clothing. Wear protective gloves/eye protection. IF IN CONTACT WITH SKIN: Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. Ensure thorough ventilation during processing and drying. Avoid eating, drinking and smoking while using the product. In case of

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contact with eyes or skin, rinse immediately with water. Do not allow to enter drains, waterways or soil. Clean tools with soap and water immediately after use.

Use dust filter P2 for sanding work. Do not inhale spray mist.

Use combination filter A2/P2. Contains 1,2-benzisothiazol-3(2H)-on, 2-methyl-2H-isothiazol-3-on. **Note:**

For Q2/Q3 putty application / thin plaster layers < 0.5mm:

When using gypsum-containing, hydraulically setting putty in quality level Q2/Q3, a transparent, water-based primer (KRAUTOL FIXATIVE, KRAUTOL penetrating stopper, KRAUTOL penetrating stopper PLUS, KRAUTOL penetrating stopper THIX) is recommended. In this regard, we refer to the painter/varnisher data sheet No. 2-9/2020 "Adhesion problems of coatings on gypsum (cardboard) panels" from the Federal Association of Paint, Design, Building Protection and the Federal Committee for Paint and Property Protection. As an alternative to the Q3 putty with gypsum content, pasty putty has proved to be effective.

#### Allergy hotline

+ 49 (0) 800/1895000 (free from German landlines)

#### GISCODE for coating materials

BSW20

#### VOC content

EU limit value for the VOC content of this product (Cat. A/a): 30 g/l (2010). This product contains a maximum of 1 g/l VOC.

#### Disposal

Only completely empty containers may be recycled. Dispose of contents and container in accordance with local, regional, national and international regulations.

Dispose of liquid material residues at the collection point for waste paints/varnishes, dried material residues as construction and demolition waste or as municipal or household waste.

#### Container sizes

25.0 kg

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