

# akurit Q4

Smoothing filler

## sandable smoothing filler

- for a high quality finish
- colour: natural white



## Applications

- for smoothing, levelling and repairing façades and wall and ceiling surfaces
- in moist domestic areas
- for whole surface finishing and pointing of gypsum plaster board
- for closing precast concrete component joints e.g. precast slabs with in-situ topping
- for interior and external use

## Properties

- good workability
- ultra fineness
- sand-free
- smooth and easy to process
- water-vapour permeable
- water-repellent

## Composition

- high-quality binders according to DIN EN 197-1
- fine rock powder
- additives for regulating and improving workability and product properties

## Substrate

### Condition / Testing

- For assessing the plaster primer, VOB/C DIN 18350, Section 3, DIN EN 13914-1/13914-2 as well as the plaster standard DIN 18550-1/18550-2 should be observed.
- The subsurface must be even, dry, clean, load-bearing, absorbent and free of adhesion impairing residues, efflorescence and sinter skins.

### Pretreatment

- Non-load-bearing coatings must be completely removed.

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### Processing

#### Temperature

- Do not process or allow to dry out at air, material or substrate temperatures below +5°C, or if there is a risk of exposure to night frost, or at temperatures above +30°C, or in direct sunlight, or on heated up surfaces, and/or in windy conditions.

#### Mixing / Preparing / Processing

- When mixing manually, first place the quantity of water specified in the technical data in a clean container and then sprinkle in dry mortar. Use clean tap water.
- Mix material homogeneously and without lumps with a suitable agitator, allow to cure for approx. 2 minutes and stir again.
- Do not mix with other products and/or other substances.

#### Applying / Processing / Assembling

- Apply material with a trowel and smooth it.
- When applying in several layers, the following layer can be applied once the previous layer has sufficiently hardened.
- When using over a wide area, we recommend a layer thickness of 3-5 mm.
- Emerging bumps can be sanded with sandpaper after a rest time of approx. 12 to 24 hours, depending on the substrate, the application thickness and the weather conditions.

#### Processing time

- approx. 30 minutes
- The stated times apply for a temperature of +20°C and relative humidity of 65%.
- Mortar that has already started to harden must never be thinned down with additional water, remixed or applied.

#### Drying / Hardening

- Protect the fresh mortar from drying out too quickly and from unfavourable weather conditions such as frost, draughts, direct sunlight and direct exposure to driving rain if necessary by hanging with foil.

#### Tool cleaning

- Clean all tools and equipment with water immediately after use.

#### Notes

- Carefully cover adjacent surfaces and components (e.g. windows, window sills, etc.). Wash off contamination immediately with water.

### Packaging

- 15 kg/sack

### Storage

- Store dry and as per instructions.
- If stored in its original packaging, the product will keep for at least 12 months from the date of manufacture.

### Quantity required / Yield

- consumption: approx. 1.0 kg/m<sup>2</sup> per 1 mm application thickness
- yield: app. 15.5 l fresh mortar per 15-kg-Bag
- The amount used depends on the condition of the substrate and on the application method. Determine the exact amount by means of a test application on the building.

### Technical Data

<b>Water requirement</b>	approx. 7.2 l per 15 kg/sack
<b>Set mortar bulk density</b>	approx. 1.0 kg/dm <sup>3</sup>
<b>Compressive strength</b>	≥ 6 N/mm <sup>2</sup>

All data are average values that were determined under laboratory conditions according to relevant test standards and application tests. Deviations are possible under practical conditions.

### Safety and disposal instructions

#### Safety

- This product produces an alkaline reaction when it comes into contact with moisture/water. Therefore ensure that skin and eyes are protected. If it should come into contact with the skin or eyes, rinse them thoroughly with water. See a doctor immediately if it comes into contact with the eyes.
- Follow further instructions in the safety data sheet.

#### GISCODE

- ZP1 (products containing cement, low-chromate)

#### Disposal

- Dispose of the material in accordance with the official regulations.
- Completely empty and recycle the packaging.
- Dispose of hardened product in accordance with the local regulations. Do not allow to enter the sewer system. Dispose of the hardened product in the same way as concrete waste and slurries. Waste code according to the Ordinance on the European Waste Catalogue depending on the origin: 17 01 01 (concrete) or 10 13 14 (concreteste and concrete slurries).

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## General notes

This information sheet provides only general recommendations. Should you have any queries relating to a specific application, please contact our technical sales advisor or call our hotline: +49 541 601-601. Since natural raw materials are used, the values and properties described may vary somewhat. All of the details given are based on our current knowledge and experience and on the assumption that the materials are professionally applied and used for their normal purpose. All of the details are non-binding and do not release users from their duty to undertake their own tests to ensure suitability for the intended application. Due to the effects of different weather, processing and construction site conditions, no guarantee can be given for the general validity of all details. We reserve the right to make changes as a result of further development of the product and applications engineering. The general rules for construction engineering, the valid standards and guidelines, and the technical working guidelines must be observed. The publication of this technical data sheet renders all previous editions of this data sheet void. Please obtain the latest information from our website.