

akurit RSP

Quick renovating plaster

Fast-setting basecoat for layer thicknesses from 0 to 40 mm

standard plastering mortar GP CS III acc. EN 998-1

- fibre-reinforced
- mineral
- can be tiled after approx. 12 hours



Applications

- for levelling and repairing wall surfaces
- suitable for moist and wet rooms
- for levelling uneven wall surfaces before applying ceramic tiles
- for backfilling slits and openings
- for plastering around windows and doors
- for external and interior use

Properties

- rapid hardening
- fibre-reinforced
- UV and weather resistant
- high stability
- high adhesive bond
- can be used in a single layer
- high degree of resistance to the formation of shrinkage cracks
- allows fast finishing application
- feltable
- good workability

Composition

- cement in accordance with DIN EN 197-1
- graded stone aggregates in accordance with DIN 13139
- alkali-resistant fibres
- additives for regulating and improving workability and product properties

Substrate

Suitable substrates

- All types of masonry
- Lime cement plasters and cement plasters

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 substrate must be dry, load-bearing, clean, dust-free and free of adhesion-reducing residues, release agents, efflorescence and sintered coatings.

Pretreatment

- Non-load-bearing plaster and paint, loose parts, dust and dirt must be removed.
- Pre-treat highly absorbent plaster bases with a suitable absorption barrier.
- Pre-wet substrate if necessary.

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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.
- use a suitable agitator to mix the material until smooth and free of lumps. Leave to rest for a moment and then mix again, adding more water, if required, to achieve the right consistency for applying.
- Do not mix with other products and/or other substances.

Applying / Processing / Assembling

- Apply material evenly on the prepared plaster base and smooth off the fresh plaster surface with a suitable tool to make it perpendicular and flush.
- After the mortar has set, the surface can be grated or felted if required.
- When the substrate is highly uneven, the plaster may harden at different rates. In such circumstances we recommend working with one layer in 2 work stages in order to achieve a uniform time for felting.

Processing time

- approx. 45 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.

Subsequent coating / workability

- The plaster surface must be sufficiently hard and completely dried through before coatings are applied. You must wait at least one day per mm of plaster thickness.

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.
- If tiles are to be laid on the surface, then strike off the plaster surface evenly and cleanly using a rod/plasterer's float. Do not smooth or felt the surface of the plaster.

Packaging

- 25 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. 15 kg/m² per 10 mm thickness
- yield: app. 16.5 l fresh mortar per 25-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.

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Technical Data

Product type	standard plastering mortar GP
Category	CS III
Grain	0 – 1 mm
Water requirement	approx. 4.0 l per 25 kg/sack
Set mortar bulk density	approx. 1.6 kg/dm ³
Compressive strength	3.5 to 7.5 N/mm ²
Fire behaviour	A1
Adhesive tensile strength	≥ 0.08 N/mm ²
Capillary water absorption	W _c 0 according to EN 998-1
Water vapour permeability μ	15/35 (table value EN 1745)
Thermal conductivity λ_{10,dry,mat.} for P=50%	≤ 0.82 W/(mK)
Thermal conductivity λ_{10,dry,mat.} for P=90%	≤ 0,89 W/(mK)

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).

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.