

# akurit ISP

Starputz interior

## machine-compatible paste-like dispersion silicate plaster for internal use

Finish coat acc. EN 15824

- free of preservatives
- ready-to-use
- quick and easy to use



## Applications

- For coating wall and ceiling surfaces
- For creating striking surfaces with ridged-textured and textured plaster finishing
- for interior use

## Properties

- simple and easy mounting
- immediately structurable
- high degree of whiteness
- vapour-permeable
- with good moisture management
- mold-inhibiting due to high alkalinity
- free from fogging-active substances
- solvent-free

## Appearance

- colours: in accordance with ColorPoint 20.10 colour palette

## Substrate

### Suitable substrates

- Mineral-based and organic-bound substrates

### 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, level, clean, firm and free of adhesion-reducing residues, efflorescence and sintered coatings.
- For grain sizes  $\leq 1.0$  mm, the substrate should at least correspond to quality level Q3.
- Damp or incompletely-adhered substrates can lead to damage in the subsequent coatings.
- Application on surfaces exposed to water:  
Water impact classes according to DIN 18534-1:2017-04 and according to Code of Practice No. 5 Bundesverband der Gipsindustrie e.V..  
The product is only suitable for surfaces with water impact class W0-I (low water impact).

### Pretreatment

- All traces of non-loadbearing coatings or paint should be removed without residues.
- Prime highly absorbent substrates with akurit GTM Mineral Deep Primer and allow to dry to a matt finish.
- Apply akurit GMG Mineralgrund tinted as an intermediate coat to equalise the colour of the plaster base.
- If necessary, prime smooth substrates with akurit GMG Mineralgrund or akurit GQG Quarzgrund.
- For boards with water-soluble, discolouring ingredients, prime with akurit GQS Quarz-Sperrgrund and observe BFS Leaflet No. 12.

### 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.
- Make sure that no condensation builds up on the surface during processing/drying.

#### Mixing / Preparing / Processing

- Stir product well before use.
- Depending on the substrate, adjust to working consistency as required with maximum 2% clean tap water.

#### Applying / Processing / Assembling

- Apply a grain size of material manually with a stainless steel trowel. Then texture with an appropriate tool, e.g. plastic trowel.
- The product can be sprayed with a hopper gun or standard fine plastering machine. It can be sprayed on and then textured. Manual reworking is normally required to achieve the wanted appearance/texture.

#### Drying / Hardening

- The drying time is at least 24 hours at +20 °C and 65% relative humidity.
- The material achieves its strength as the binder forms a film during the drying process. Drying is slower at high relative humidity and/or low temperatures.
- Gypsum fillers for gypsum boards can be particularly sensitive to moisture. This can lead to blistering, swelling of the filling compounds and spalling. Therefore, the Bundesverband der Gips- und Gipsbauplattenindustrie e. V. (Federal Association of the Gypsum and Gypsum Plasterboard Industry) recommends in its leaflet "Verspachtelung von Gipsplatten" (Filling of Gypsum Plasterboards) to ensure rapid drying through sufficient ventilation and temperature.

#### 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.
- Optically related areas must be prepared with material from the same production batch to prevent colour differences.

### Packaging

- 25 kg/bucket

### Storage

- Store in the original, unopened packaging in dry, frost-free conditions.
- Im verschlossenen Originalgebinde mindestens 18 Monate ab Herstellungsdatum lagerfähig.

### Quantity required / Yield

- consumption:  
approx. 1.5 – 3.5 kg/m<sup>2</sup> for K 0.5 mm as modelling plaster, processing-dependent  
approx. 2.0 / 2.2 / 2.9 kg/m<sup>2</sup> for K 1 / 1.5 / 2 mm  
approx. 2.2 kg/m<sup>2</sup> for R 1.5

### Technical Data

Density	1.7 – 1.9 g/cm <sup>3</sup>
Diffusion-equivalent air layer thickness (s <sub>d-value</sub> )	0.14 - 0.19 m V2 (medium) EN ISO 7783
Water vapour diffusion resistance μ	200 – 300 V2 (medium)
Fire behaviour	A2-s1, d0 according to EN 13501
Thermal conductivity	λ = 0.7 W/(mK) according to DIN 4108

All data are average values that were determined under laboratory conditions according to relevant test standards and application tests. Deviations in the technical parameters are possible due to tints.

### Safety and disposal instructions

#### Safety

- If any product gets into the eyes, rinse out immediately with clean tap water. Consult optician. Clean with plenty of water after skin contact.
- Follow further instructions in the safety data sheet.

#### GISCODE

- BSW20 (coating materials, water-based)

#### Disposal

- Dispose of the material in accordance with the official regulations.
- Completely empty and recycle the packaging.

## 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. 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.