

AKAPLAN Floor levelling compound

AKAPLAN Fußbodenausgleichmasse

- for evening out irregularities in concrete, cementitious and gypsum-based floors/screeds
- self-levelling
- for indoor use
- low in chromates according to EC-Regulation No 1907/2006, Annex XVII (47)
- CE-compliant to EN 13813: C T-C20-F5

Instructions for use:

AKAPLAN is suitable for smoothing out unevenness on interior concrete, cement screed and anhydrite screed. Apply AKAPLAN in layers between 1 and 10 mm thick. From 1 mm layer thickness, AKAPLAN is suitable for chair castors to DIN 68131. Also suitable for floor heating.

Technical specifications:

Components: cements, powdered synthetic resin, quartz sand
 Mix ratio: 25 kg powder + 6 l water
 Working time: approx. 30 minutes
 Usage: approx. 1.5 kg/m²

Substrate preparation:

The surface must be firm, dimensionally stable, absorbent, permanently dry and free of release agents (dust, grease, etc.) Pre-treat highly absorbent surfaces with AKAGRUND. Remove release films and sinter layers by grinding or similar methods and then vacuum the area. Always apply a primer coat to anhydrite screeds. Fix an edge strip to adjacent structural elements before applying layers thicker than 2 mm.

| Subsurface characterisation | Mixing ratio |
|--|--|
| Absorbent surfaces, concrete, cement screeds | 1:3 |
| Gypsum based surfaces, gypsum screeds, anhydrite screeds (grinded and) | 1:1 (let primed surfaces dry for at least 24 h) |

Application:

Mix AKAPLAN into clean, cold water using an electric stirrer, so that a homogeneous compound results. The mix ratio is 25 kg AKAPLAN in 6 l water. Leave to mature for 3 minutes and then thoroughly stir the compound again and spread over the surface using a smoothing trowel or a doctor knife.

The max. application thickness should not exceed 10 mm. Layers up to 20 mm thick can be applied by adding max. 65 % quartz sand (particle size 0-3 mm) to the stirred mix. A second layer can be applied either moist on moist (by applying the second layer as soon as the first layer is trafficable) or after the first layer has fully dried. In the latter case, prime the dried layer with AKAGRUND (thinned 1:1) before applying the second layer. Apply the stirred smoothing compound within 30 minutes. Do not stir or add water to thin material which is already setting.

Note:

Please see EU safety data sheet for all safety-related data (EU-CLP)

Do not use if the object and/or room temperature are below + 5° Celsius!

Clean tools in water after use.

Protect setting filler layers against excessive room temperatures, direct sunlight or draughts. Depending on the ambient temperature and air humidity, if the layer thickness is 3 mm the surface is ready for laying the next layer after approx. 24 hours and a layer thickness of 5 mm after approx. 48 hours. The residual moisture should always be less than 3 %.

Considerations disposal:

Please see EU safety data sheet section 13 (EWC).

Storage:

Store in a cool, dry place.

Shelf-life 12 months after production date.

Available sizes:

25 kg 407955338062 033806000 REG