



We would like to inform you that we will cease production of our dry cement screed product line on 31 December 2020. Accordingly, the product AQUAPANEL® Levelling Compound will no longer be available from January 1, 2021.

AQUAPANEL®

08/2017

AQUAPANEL® Levelling Compound

Powder-form levelling compound

Description

AQUAPANEL® Levelling Compound is a cement-based, frost-safe powder-form floor plaster which, after mixing, is self-levelling and forms an even plastered surface.

Scope/area of application

It is used as a 2-15 mm thick screed for AQUAPANEL® Cement Board Floor dry floor elements under thin flexible floor coverings (such as carpet, linoleum, PVC). It also eliminates any unevenness in the cement-bound or levelling courses, structural concrete slab, stone or timber floors. It is particularly suitable for levelling surfaces subject to large temperature variations such as screeds with underfloor heating. It has an above-average ultimate compressive strength and, once dried, can be used as a trafficked surface (upwards of 5 mm thick) in light or medium loaded areas such as store rooms, hobby rooms, etc.

Preparation of the substrate

The background must be rigid, dry, clean and free of dust and debonding agents. Prime with AQUAPANEL® Board Primer.

Mixing

Stir 25 kg powder with approx. 6.5 l water in a clean container with a 600 rpm mechanical stirrer to achieve a smooth, fluid consistency (do not add too much water!) Leave for approx. 3 minutes and then stir through again. Adjust the consistency if necessary.

AQUAPANEL® Levelling Compound must not be mixed with other plasters or levelling compounds. For composite floor coverings, prime with AQUAPANEL® Board Primer or the primer recommended by the floor covering manufacturer.

Processing/application

Place the mixed plaster in strips. Using a trowel, shape up the plaster and remove air with a spiked roller. Maximum layer thickness per application: 15 mm.

Working time for the mix: approx. 20 minutes. Dirty mixing containers or tools, or high air or background temperatures and wind can shorten the working time. Do not use the material once it begins to stiffen.

Clean tools and equipment immediately after use with clean water.

Properties

AQUAPANEL® Levelling Compound can be subjected to full loads. Flooring can be laid on top of it after as little as 24 hours (guideline values at +23°C and 50% relative air humidity). When laying damp-proof floorings, e.g. PVC, the residual moisture content must be no more than 2.5% by weight. When laying damp-permeable floorings, e.g. tiles, the residual moisture content must be no more than a maximum of 3% by weight.

Material coverage

Approx. 1.5 kg/m²/mm (when plastered across the whole area).

Working temperature/climate

Do not use below +5 °C or above +25 °C. Protect fresh plaster layers from sunlight and draughts.

Method of delivery/storage

- 25 kg/bag
- Store bags in a dry place. Pour the contents of damaged bags into a container and use first. Storage life of AQUAPANEL® Levelling Compound is approx. 12 months in unopened original packaging.

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