

WAKOL Z 600 Levelling compound, stable

Technical Information

Area of application

Stable cement levelling compound for smoothing steps and door joints, for repairing concrete subfloor damage and for directly levelling raw concrete paving with layer thickness of 1 - 5 mm, extended up to 50 mm, indoors.

Special properties

- suitable for chair castors
- suitable for heavy loads
- suitable on underfloor heating
- Chromate reduced according to TRGS 613
- low tension

Technical data

Raw material base:	special cement/quartz mixture with synthetic additive
Mixture:	approx. 5 l water + 25 kg Z 600
Strength of coating:	unextended up to 5 mm, extended from 5 to 50 mm with 8 kg quartz sand (grain 0.4 – 1 mm/ per 25 kg of powder)
Pot life:	approx. 15 - 20 min.
Setting time:	suitable for walking and after approx. 30 min., independent of the layer thickness
Ready for laying:	after approx. 3 - 4 hrs.
Consumption:	approx. 1.6 kg/m ² /mm
Processing temperature:	not below + 15 °C ground and room temperature
Storage information:	6 months; store in a cool and dry place. Tightly seal opened sacks and use as soon as possible.
Giscode:	ZP1

Subfloors

The subfloor and the climatic conditions of the room must meet the requirements of DIN 18 356 or DIN 18 365. Subfloors must be permanently dry, solid, and free from cracks, dirt and adhesion-inhibiting substances. Employ a suitable mechanical procedure to remove separating layers.

Prime cement paving, concrete and other absorbent subfloors with primer concentrate WAKOL D 3074, diluted 1:2 with water, or with WAKOL D 3073 Universal Primer.

Mechanically pre-treat and suction calcium sulphate bonded concrete subfloors according to manufacturer's specifications or according to the currently applicable standards and codes; then prime with WAKOL D 3074, diluted 1:2 with water, or with WAKOL D 3073 Universal Primer. Let primer dry 24 hours. New and well sanded cast asphalt concrete according to DIN 18 354 and DIN 18 560 requires no primer. Prime used and poorly sanded cast asphalt concrete according to standard residue with WAKOL D 3074, diluted 1:1 with water, or with WAKOL D 3073 Universal Primer.

Usage

Stir WAKOL Z 600 Levelling Compound in a clean stirring vessel with approx. 5.0 l clear, cold tap water until free of lumps. Rotational speed of the stirrer max. 600 rpm. Using a smoothing trowel or knife, uniformly apply stirred compound to the subfloor in the desired layer thickness. Before applying the levelling compound, look for edge strips.

A second application of levelling compound is possible on dried compound layers only following priming with WAKOL D 3074, diluted 1:2 with water or with WAKOL D 3073 and a sufficient drying time. Protect setting compound layer from direct sunlight and drafts.

Important

Do not use below + 15 °C. In cold weather warm levelling compound in due time.

When applying levelling compound in a layer thickness over 5 mm on calcium sulphate bonded concrete subfloors, use only WAKOL PU 235 Polyurethane Primer or WAKOL PU 280. Please consult the corresponding product information.

The permissible layer thickness on cast asphalt is max. 5 mm.

We guarantee the uniform high quality of our products. All data is based on tests and many years of practical experience and refers to standardised conditions. The variety of materials used and the different construction site conditions, which lie beyond our control, preclude any claims based on this data. We therefore recommend making sufficient trials. Accompanying flooring manufacturer's instructions and the currently applicable codes must be observed. We gladly provide technical advice.

This Technical Information of 21.11.2007 supersedes all previous versions.