

WAKOL A 850 Filling Compound

Technical Information

Area of application

Stable, fast calcium sulphate-based levelling compound for levelling unevenness in layer thicknesses of 0 - 20 mm non-elongated, up to 40 mm elongated for

- Rough smoothing of uneven areas
- Levelling steps on stairways
- Aligning door joints
- Repairing severely damaged screed

indoors.

WAKOL A 850 Füllmasse can be processed in combination with WAKOL D 3060 Plastification Additive; for details, please refer to the technical information for the WAKOL D 3060 Plastification Additive.

Special properties



- suitable for chair castors from a layer thickness of 1 mm
- under parquet from 2 mm layer thickness
- stable

- 1) Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS: very low in emissions
- 2) With the "Blue Angel" label for low emission laying materials according to RAL DE – UZ 113
- 3) Emissions class according to French law
- 4) Calcium sulphate levelling compounds, highly alkaline
- 5) Meets the requirements of the European Community
- 6) Suitable for underfloor heating
- 7) Suitable for exposure to castor wheels

Technical data

Raw material base:	Calcium sulphate Cement (low chromate)
Material composition:	Redispersible polymer powder

	Mineral fillers Additives
Strength of coating:	undiluted processing up to 20 mm elongated processing 10 - 30 mm with additives up to max. 65 by weight % (aggregation: WAKOL S 25 Elongating Sand or quartz sand 0 - 3 mm) and 20 - 40 mm with additives up to max. 100 by weight % (aggregation: WAKOL S 25 Elongating Sand or quartz sand 0 - 3 mm)
Mixture:	approx. 5 l water + 20 kg WAKOL A 850
Processing time:	approx. 15 minutes
Suitable for walking:	after approx. 30 minutes
Coverable:	after approx. 30 minutes
Waiting time before laying:	after approx. 4 hours
Storage time:	12 months; store in a cool and dry location, tightly seal any opened bags and use as soon as possible
Classification acc. to EN 13813:	CA-C30-F7

Application and consumption⁸⁾

Trowel approx. 1,4 kg/m²/mm layer thickness

8) Consumption is dependent on surface structure and absorbability of subfloor.

Subfloors

The subfloor as well as the room climate conditions must meet the requirements of the applicable standards and data sheets.

Subfloors must be permanently dry, solid, level, free from cracks, dirt and adhesion-inhibiting substances.

Use a suitable mechanical procedure to remove separating layers.

Prime cement paving, calcium sulphate concrete, concrete and other absorbent subfloors with WAKOL D 3004 Primer Concentrate, diluted 1:2 with water, or with WAKOL D 3003 Dispersion Primer. Always comply with primer drying times.

New, well sanded, standardised cast asphalt concrete does not require a primer. Prime used and poorly sanded mastic asphalt concrete as per the relevant standard, and prime old subfloors that have old, waterproof adhesive residues with WAKOL D 3004 Primer Concentrate, diluted with water at a ratio of 1:1, or with WAKOL D 3003 Dispersion Primer.

Usage

Stir WAKOL A 850 Filling Compound in a clean stirring vessel with approx. 5,0 l clear, cold tap water until free of lumps. The mixing device must not exceed 600 rpm. Apply stirred

compound with dripper or smoothing trowel uniformly to the subfloor in the desired layer thickness. Before applying the levelling compound, check whether a sufficiently sized edge strip is available.

If a second application of levelling compound is required, the first dried layer must be primed with WAKOL D 3004 Primer Concentrate, diluted 1:2 with water, or with WAKOL D 3003 Dispersion Primer. After a sufficient drying time of 30 minutes for calcium sulphate-based Wakol levelling compounds or 60 minutes for cement-based Wakol levelling compounds, the second levelling can be carried out.

Protect the levelling compound layer from direct sunlight and draughts while it sets.

Work an environmental safety

Keep children away from fresh installation product! Ensure sufficient ventilation during use and drying! Wear waterproof and hard-wearing protective gloves, goggles and long trousers! Avoid eating, drinking and smoking while applying the product. Avoid prolonged skin contact with the installation product. Clean affected areas of skin straight away with water. The longer fresh installation product remains on your skin, the greater the risk of serious damage to the skin. If the installation product comes into contact with your eyes, wash your eyes out with water straight away and see an ophthalmologist. Clean the tools immediately after use. Clean tools with soap and water immediately after use. Do not allow product to enter the sewage system, bodies of water or the ground.

Information for allergic persons is available at +49 (0)6331/8001-311.

Disposal

Only empty containers are suitable for recycling. Dried material residue may be disposed of as household waste.

Important

Processing not below floor temperature of +15 °C and room temperature of +18 °C, as well as room humidity preferably between 40 % and 65 %, maximum 75 %. All information is based on approx. 20 °C and 50 % relative air humidity. Warm up all laying materials in due time in heated room.

The layer thickness permitted on mastic asphalt (IC10 und IC15) is max. 15 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.

The product data sheets can be found in their latest version at www.wakol.com.

This Technical Information of 15.06.2023 supersedes all previous versions.

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