

WAKOL Z 630 Levelling Compound

Technical Information

Area of application

Self-levelling, low-tension, cement-based levelling compound for smoothing out unevenness in layers 1 - 15 mm thick, undiluted, and up to 25 mm thick, diluted, underneath

- Textile flooring
- Elastic flooring
- Parquet (minimum thickness of 2 mm)

indoors.

WAKOL Z 630 Levelling Compound 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



- chromate reduced according to REACH
- suitable for chair castors from a layer thickness of 1 mm
- can be applied with a rakel
- self-levelling
- can be pumped

- 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) Cement-based products, low chromate
- 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:

Special cement/quartz mixture with special plastic additives

Material composition:	Special cements Mineral fillers Redispersible polymer powder Additives
Strength of coating:	undiluted processing up to 15 mm Diluted processing from 10 to 25 mm
Mixture:	undiluted processing up to 15 mm approx. 6,25 - 6,5 l water + 25 kg WAKOL Z 630 diluted processing up to 25 mm approx. 6,25 - 6,5 litres of water + 25 kg of WAKOL Z 630 + 16 kg of WAKOL S 25 Elongating Sand or quartz sand 0 - 3 mm
Processing time:	approx. 25 minutes
Suitable for walking:	after approx. 2 hours
Waiting time before laying:	up to 3 mm layer thickness, after 6 hours up to 5 mm layer thickness, after 12 hours up to 10 mm layer thickness, after 24 hours up to 15 mm layer thickness, after 48 hours up to 25 mm layer thickness, after 48 hours
Storage time:	6 months; store in a cool and dry location, tightly seal any opened bags and use as soon as possible
Storage temperature:	not sensitive to frost
Classification acc. to EN 13813:	CT-C40-F7

Application and consumption⁸⁾

Trowel approx. 1,5 kg/m²/mm layer thickness
Rakel

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 Z 630 Levelling Compound in a clean stirring vessel with approx. 6,25 - 6,5 l clear, cold tap water until free of lumps. The mixing device must not exceed 600 rpm. Apply stirred compound with dripper, smoothing trowel or knife uniformly to the subfloor in the desired layer thickness. Before applying the levelling compound, check whether a sufficiently sized edge strip is available.

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

Work an environmental safety

Keep out of the reach of children. Ensure sufficient ventilation during use and drying! Avoid eating, drinking and smoking while applying the product and wear protective gloves. Wear waterproof and hard-wearing protective gloves, goggles and long trousers! If the installation product comes into contact with your eyes, wash your eyes out with water straight away and see an ophthalmologist. 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. Keep children away from fresh installation product! 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.

Observe 2 mm minimum layer thickness on non-absorbent subfloors.

For levelling work with layer thickness above 5 mm on moisture-sensitive subfloors such as calcium sulphate screed or gypsum fibreboards prime using a Wakol reaction resin. Please consult the corresponding data sheet.

The layer thickness permitted on mastic asphalt is max. 5 mm; WAKOL A 830 Levelling Compound should be used for layers that are thicker than this. For applying levelling compound on wooden subfloors that are rigidly bolted or glued to the subfloor, only use WAKOL Z 610 Levelling Compound dust-reduced, WAKOL Z 615 Levelling Compound dust-

reduced, WAKOL Z 625 Levelling Compound, WAKOL Z 630 Levelling Compound or WAKOL A 830 Levelling Compound in combination with WAKOL AR 114 Reinforcement Fibres.

Do not sand WAKOL Z 630 Levelling Compound before laying parquet in order to ensure the best possible adhesion.

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 current national standards 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 05.10.2023 supersedes all previous versions.