

WAKOL Z 635 Levelling Compound

Technical Information

Area of application

Low-tension, cement-based levelling compound for smoothing out unevenness in layers 1 - 10 mm thick underneath

- Textile flooring
- elastic flooring
- cork flooring
- Parquet (minimum thickness of 3 mm)

indoors.

Special properties



- chromate reduced according to REACH
- suitable for chair castors from a layer thickness of 1,5 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 RAL – 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:	ungestreckte Verarbeitung von 1 bis 10 mm
Mixture:	approx. 6,25 l water + 25 kg WAKOL Z 635 Levelling Compound
Processing time:	30 minutes
Suitable for walking:	after approx. 2,5 hours
Waiting time before laying:	up to 5 mm layer thickness, after 24 hours up to 10 mm layer thickness, after 72 hours under parquet at 3 mm after at least 24 hours up to 5 mm layer thickness, after 48 hours up to 10 mm layer thickness, after 72 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-C35-F7

Application and consumption⁸⁾

Trowel approx. 1,5 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 3040 Primer Concentrate, diluted 1:2 with water, or with WAKOL D 3035 Dispersion Primer. Always comply with primer drying times.

New, well sanded, standardised cast asphalt concrete does not require a primer. Prime worn and poorly sanded cast asphalt concrete (according to standard) with WAKOL D 3040 Primer Concentrate, diluted 1:1 with water, or with WAKOL D 3035 Dispersion Primer.

Usage

Stir WAKOL Z 635 Levelling Compound in a clean stirring vessel with approx. 6,25 l clear, cold tap water until free of lumps. The mixing device must not exceed 600 rpm. After leaving to stand for approx. 2 - 3 minutes, briefly mix the compound again. 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.

If a second application of levelling compound is necessary, it must occur wet-in-wet; that is, the second layer is applied immediately after the first layer is suitable for walking on. A second application of levelling compound is possible on dried levelling compound layers only following priming with WAKOL D 3040 Primer Concentrate, diluted 1:2 with water, or with WAKOL D 3035 Dispersion Primer and a sufficient drying time. 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. Immediately and thoroughly rinse eyes and skin with water in case of contact. 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 minimum layer thickness on non-absorbent subfloors.

When applying levelling compound in a layer thickness over 5 mm on calcium sulphate-bonded screeds, use only WAKOL PU 280 Polyurethane Primer. 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 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 635 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 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 03.03.2020 supersedes all previous versions.