

# WAKOL Z 635 Levelling Compound

## Technical Information

### Area of application

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Low-tension, cement-based levelling compound for smoothing out unevenness in layer thickness of 1 - 10 mm underneath

- textile flooring
- elastic flooring
- cork flooring
- parquet (minimum thickness 3 mm)

indoors.

### Special properties



1)



2)



3)

- low in chromate according to REACH
- suitable for chair rollers as of 1.5 mm layer thickness
- can be applied with a knife
- suitable for underfloor heating
- self-flowing
- can be pumped

1) classified according to the criteria of the GEV into EMICODE class EC1 PLUS R: very low emissions

2) labelled with the "Blue Angel" symbol for emissions-free flooring products i.a.w. RAL – UZ 113

3) emissions class according to French law

### Technical data

Raw material basis:	Special cement/quartz mixture with special plastic additives
Mixing ratio:	Special cement, mineral fillers, redispersible polymer powder, additives
Application thickness:	undiluted 1 - 10 mm
Water requirement:	approx. 6.25 l water + 25 kg WAKOL Z 635 Levelling Compound
Pot life:	approx. 30 minutes
Suitable for walking:	after approx. 2.5 hours

Ready for laying:	up to 5 mm layer thickness after approx. 24 hours, up to 10 mm layer thickness after approx. 72 hours, under parquet with 3 mm thickness after 24 hours at the earliest, up to 5 mm 48 hours, up to 10 mm after 72 hours
Storage time:	6 months, store in a cool, dry place
Storage temperature:	not sensitive to freezing
Classification acc. to EN 13813:	CT-C35-F7
GISCODE:	ZP1
EMICODE according to GEV:	EC1 PLUS R

#### Application and consumption<sup>2)</sup>:

Trowel or approx. 1.5 kg/m<sup>2</sup>/mm  
knife

4) Consumption is dependent on surface structure and absorbability of subfloor

### Subfloors

The subfloor and the climatic conditions of the room must meet the requirements of DIN 18356 or DIN 18365. Subfloors must be permanently dry, solid, and free of 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. Observe primer drying times.

New, well sanded, standardised cast asphalt concrete does not require a primer. Prime worn and poorly sanded, otherwise standardised cast asphalt concrete 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. Rotational speed of the stirrer max. 600 rpm. After leaving to stand for approx. 2 - 3 minutes, briefly mix the compound again. Using a dripper, smoothing trowel or knife, uniformly apply stirred compound 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. A second application of levelling compound is possible on dried 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 setting compound layer from direct sunlight and draughts.

## Work and environmental safety

Keep out of reach of children. Ensure sufficient ventilation during use and drying! Avoid eating, drinking and smoking while applying the product. 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)6331/8001-144.

## 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 %.

In cold weather, warm up WAKOL Z 635 Levelling Compound in due time in heated room.

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

The permissible layer thickness on cast asphalt is 5 mm; use WAKOL A 620 Anhydrite Levelling Compound for a greater layer thickness.

For applying levelling compound on wooden subfloors that are rigidly bolted or glued to the subfloor, only use WAKOL Z 670 Levelling Compound for Wooden Floor or WAKOL Z 615 Levelling Compound, dust-reduced or WAKOL Z 630 Levelling Compound in combination with WAKOL AR 114 Reinforcement Fibres.

For optimal adhesion, do not sand WAKOL Z 635 Levelling Compound before laying parquet.

All information is based on approx. 20 °C and 65 % relative air humidity.

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](http://www.wakol.com).

This Technical Information of 04.07.2016 supersedes all previous versions.