

WAKOL Z 630 Levelling Compound

Technical Information

Area of application

Cementitious Levelling Compound for treating unevenness in layer thicknesses of 1 to 10 mm unextended, extended to 20 mm under

- textile floorings
- elastic floorings
- parquet (as of 2 mm layer thickness)

indoors.

Special properties



1)



2)



3)

- chromate reduced according to REACH
- as of 1 mm layer thickness suitable for wheelchairs
- can be applied with a raket
- suitable for underfloor heating
- self-levelling
- can be pumped

1) based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS R: 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

Technical data

Raw material base:	special cement/quartz mixture, treated with special synthetic resin
Material composition:	special cement, mineral based fillers, redispersible polymer powder, additives
Strength of coating	1 - 10 mm unextended, up to 20 mm extended
Mixture:	unextended up to 10 mm: approx. 6 liter water + 25 kg WAKOL Z 630 extended up to 20 mm: approx. 6,25 liter + 25 kg WAKOL Z 630 + 16 kg sand 0 - 3 mm
Pot life:	approx. 20 minutes
Setting time:	approx. after 3 hours

Ready for laying:	up to 5 mm layer thickness after approx. 24 hrs., up to 10 mm layer thickness after approx. 48 hrs., up to 20 mm layer thickness after 5 days
Storage time:	6 months; store in a cool an dry place
Storage temperature:	not sensitive to frost
GISCODE:	ZP1
EMICODE according to GEV:	EC1 PLUS R
Application and consumption ⁴⁾ :	
trowel or rakel	approx1,5 kg/m ²

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 from cracks, dirt and adhesion-inhibiting substances. Employ 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. Drying times must be observed.

New, well sanded, standardised cast asphalt concrete does not require a primer. Prime used and poorly sanded cast asphalt concrete according to standard as well as old subfloors with old, waterproof adhesive residue with WAKOL D 3040 Primer Concentrate, diluted 1:1 with water, or with WAKOL D 3035 Dispersion Primer.

Usage

Stir WAKOL Z 630 Levelling Compound in a clean stirring vessel with approx. 6 l clear, cold tap water until free of lumps. Rotational speed of the stirrer max. 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.

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 drafts.

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)6331/8001-144.

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 630 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 only WAKOL PU 280 Polyurethane Primer. Please consult the corresponding product information.

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

When applying Levelling Compound on wood subfloors and yielding subfloors, use only WAKOL Z 670 Levelling Compound or WAKOL Z 615 Levelling Compound, dust-reduced in combination with WAKOL AR 150 Reinforcement Fabric. For optimal adhesion, do not grind WAKOL Z 630 Levelling Compound before laying parquet.

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 25.01.2016 supersedes all previous versions.