

WAKOL Z 615 Levelling Compound, dust-reduced

Technical Information

Area of application

Dust-reduced, low tension cement levelling compound for levelling unevennesses with layer thickness of 1 - 10 mm unextended, extended from 10 - 30 mm under

- textile floorings
- elastic floorings
- parquet as of 2 mm layer thickness
- cork floorings
- floorings which will be under higher strain (as of 3 mm layer thickness)

indoors.

WAKOL Z 615 Levelling Compound, dust-reduced can be used in combination with WAKOL D 3050 Plastification Additive, for details see the technical information of WAKOL D 3050 Plastification Additive.

Special properties



1)



2)



3)

- as of 1 mm layer thickness suitable for chair castors
- chromate reduced according to REACH
- can be applied with a rakel
- can be pumped
- as of 3 mm layer thickness suitable for heavy loads
- suitable for underfloor heating
- self-levelling

1) Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS R: very low in emissions

2) Permitted as marine equipment product by the See-Berufsgenossenschaft Hamburg, Module B and Module D Declaration of conformity, see www.wakol.de.

3) Emission class according to French law

Technical data

Raw material base:	special cement/quartz mixture with synthetic additive
Strength of coating:	unextended 1 - 10 mm, extended 10 - 30 mm
Mixture:	unextended up to 10 mm: approx. 6.25 - 6.5 l water + 25 kg WAKOL Z 615 Levelling Compound, dust-reduced;

	extended up to 30 mm: approx. 6.5 - 6.75 l water + 25 kg WAKOL Z 615 Levelling Compound, dust-reduced + 16 kg sand 0 - 3 mm
Pot life:	approx. 30 min.
Setting time:	after approx. 2 hrs.
Ready for laying:	up to 3 mm after 12 hours, up to 5 mm after 24 hours, up to 10 mm after 48 hours, up to 15 mm after 72 hours, up to 30 mm after 6 days
Processing temperature:	not below + 15°C ground and room temperature
Storage information:	6 months; store in a cool and dry place. Tightly seal opened sacks and use as soon as possible.
GISCODE:	ZP1
EMICODE:	EC1 PLUS R
Application and consumption ⁴⁾ :	
Trowel or raket	1.5 kg/m ² /mm

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 615 Levelling Compound, dust-reduced in a clean stirring vessel with approx. 6.25 - 6.5 l clear, cold tap water until free of lumps. Rotational speed of the stirrer max. 600 rpm. Allow compound to mature about 2 - 3 minutes and briefly stir 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. Protect setting compound layer from direct sunlight and drafts.

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 615 Levelling Compound, dust-reduced in due time in heated room.

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

When applying levelling compound in a layer thickness over 5 mm on calcium sulphate-bonded screeds, use only Wakol Reaction Adhesives such as WAKOL PU 280 Polyurethane Primer. Please consult the corresponding data sheet.

The permissible layer thickness on cast asphalt (IC10 and IC15) is max. 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 grind WAKOL Z 615 Levelling Compound, dust-reduced before laying a 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 18.07.2016 supersedes all previous versions.