

WAKOL A 620 Anhydrite Levelling Compound

Technical Information

Area of application

Self-levelling compound based on calcium sulphate for treating unevenness in layer thicknesses of 1,5 to 20 mm unextended, for 10 - 30 mm extended under

- textile floorings
- elastic floorings
- Parquet (minimum layer thickness 3 mm)

indoors.

WAKOL A 620 Anhydrite Levelling Compound can be processed in combination with WAKOL D 3050 Plastification Additive, for details see the technical information of WAKOL D 3050 Plastification Additive.

WAKOL A 620 Anhydrite Levelling Compound is especially suitable on calcium sulphate bonded subfloors, dry extension elements, wooden material tiles and cast asphalt subfloors.

Special properties



1)



2)



3)

- suitable for wheelchairs from 1,5 mm
- can be applied with a rakel
- extremely low in tension
- 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 basis:	calcium sulphate
Material composition:	calcium sulfate hemihydrate, low-chromate cements EU-VO 1907/2009 (REACH)
Application thickness:	unextended for 1,5 - 20 mm, extended for 10 - 30 mm when extending, it is possible to add up to 16 kg quartz sand grain 0 - 3 mm
Water requirement:	5,75 - 6 l water + 25 kg WAKOL A 620
Pot life:	approx. 25 minutes

Suitable for walking:	after approx. 2 hours
Ready for laying:	at a residual moisture < 0,5 CM%, up to 3 mm after approx. 24 hours; drying time up to 10 mm any more mm 24 hours, beyond this value we recommend to do a CM measuring
Storage time:	12 months, store in a cool and dry place
Storage temperature:	not sensitive to frost
Classification acc. to EN 13813:	CA-C35-F10
GISCODE:	CP1
EMICODE according to GEV:	EC1 PLUS R
Application and consumption ⁴⁾ :	
Spatula or rakel	approx. 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 level, permanently dry, solid and free from cracks, dirt and adhesion-inhibiting substances. Employ a suitable mechanical procedure to remove separating layers

Prime cement paving, concrete and other absorbent subfloors with WAKOL D 3040 Primer Concentrate, diluted 1:2 with water, or with WAKOL D 3035 Dispersion Primer. Mechanically pre-treat and suction calcium sulphate bonded concrete subfloors according to manufacturer's specifications or according to the currently applicable standards and codes; then prime with WAKOL D 3040 Primer Concentrate, diluted 1:2 with water, or with WAKOL D 3035 Dispersion Primer. Let primer dry briefly – no wet spots may be ascertainable.

New and well sanded cast asphalt concrete require no 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 A 620 Anhydrite Levelling Compound in a clean stirring vessel with approx. 5,75 - 6 l clear, cold tap water until free of lumps. Rotational speed of the stirrer max. 600 rpm. Wait approx. 1 minute until ready for laying, and then briefly and thoroughly stir again. Apply stirred compound with dripper, smoothing trowel or knife uniformly to the subfloor in the desired layer thickness. Before applying the levelling compound, look for edge strips.

A second application of levelling compound is possible only following priming with WAKOL D 3040 Primer Concentrate, diluted 1:2 with water or with WAKOL D 3035 Dispersion Primer after 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 A 620 Anhydrite Levelling Compound in due time in heated room. All information is based on approx. 20 °C and 65 % relative air humidity.

Observe 2 mm minimum layer thickness on non-absorbent subfloors. The permissible layer thickness on cast asphalt is max. 15 mm.

Parquet is suitable for laying on WAKOL A 620 Anhydrite Levelling Compound from 3 mm layer thickness if a drying time of at least 24 hours has been observed and Wakol MS Parquet Adhesives such as WAKOL MS 260 Parquet Adhesive, firm-elastic, or Wakol PU Parquet Adhesives such as WAKOL PU 225 Parquet Adhesive are used. The approvals for the adhesive used must be complied with. When laying the parquet do not grind the surface of the levelling compound.

Do not use WAKOL A 620 Anhydrite Levelling Compound under cork flooring; instead, use WAKOL Z 615 Levelling Compound, dust-reduced.

For the conductive laying of thick flooring (such as PVC) on thick flooring levelled with WAKOL A 620 Anhydrite Levelling Compound (e.g. cast asphalt), special features must be kept in mind. Before laying, contact our Application Technology Department.

Because of the possibly corrosive effect, the contact to metallic building material, especially water pipelines, must be prevented for example through sealing up.

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 15.01.2018 supersedes all previous versions.