

## **WAKOL A 620 Anhydrite Levelling Compound**

### **Technical Information**

#### **Area of application**

Dispersing smoothing and levelling compound based on calcium sulfate for treating unevenness in layer thicknesses of 2 to 30 mm indoors underneath textile and elastic flooring as well as under parquet as of 3 mm layer thickness. WAKOL A 620 Anhydrite Levelling Compound is especially suitable on calcium sulfate bonded subfloors, dry extension elements and cast asphalt subfloors.

#### **Special properties**

- very low in emissions\*
- can be applied with a rakel
- dispersing
- pumpable
- extremely low in tension
- free of cracks also in thicker layers
- suitable for chair castors from 2 mm on
- suitable for underfloor heating

\*very low in emissions according to emission class EMICODE EC1

#### **Technical data**

Raw material basis:	calcium sulfate
Application thickness:	unextended up to 20 mm, may be extended from 10 mm on up to 30 mm
Water requirement:	approx. 6 l water + 25 kg WAKOL A 620. when extending, it is possible to add up to 16 kg silica sand grain 0-3 mm
Pot life:	approx. 30 minutes
Suitable for walking:	after approx. 2-3 hours
Ready for laying:	residual moisture <1,0 CM% = up to 3 mm after approximately 24 hours; beyond this value we recommend to do a CM measuring
Consumption:	approx. 1.5 kg/m <sup>2</sup> /mm layer thickness
Processing temperature:	not below + 15 °C ground and air temperature
Storage:	approx. 6 months; store compound in a cool and dry place. Tightly seal opened sacks and use as soon as possible.
Giscode:	CP 1
Ecode according to GEV:	EC 1

## Subfloors

The subfloor and the climatic conditions of the room must meet the requirements of DIN 18 356 or DIN 18 365. 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, concrete and other absorbent subfloors with WAKOL D 3074 Primer Concentrate, diluted 1:2 with water, or with WAKOL D 3073 Universal 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 3074 Primer Concentrate, diluted 1:2 with water, or with WAKOL D 3073 Universal Primer. Let primer dry briefly – no wet spots may be ascertainable.

New and well sanded cast asphalt concrete according to DIN 18 354 and DIN 13 813 requires 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 3074 Primer Concentrate, diluted 1:1 with water, or with WAKOL D 3073 Universal Primer.

## Usage

Stir WAKOL A 620 Anhydrite 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. Allow the compound to mature about 3 minutes and briefly 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 3074 Primer Concentrate, diluted 1:2 with water or with WAKOL D 3073 Universal Primer after a sufficient drying time. Protect setting compound layer from direct sunlight and drafts.

## Important

Do not use below + 15°C. In cold weather warm levelling compound in due time.

The permissible layer thickness on cast asphalt is max. 8 mm. On-edge lamella parquet, mosaic parquet, as well as 2- and 3-layer ready-to-lay parquet are suitable for laying on WAKOL A 620 Anhydrite Levelling Compound as of a 3 mm layer thickness, following a drying time of at least 72 hours and if WAKOL MS 260 Parquet Adhesive, firm-elastic, WAKOL PU 200 Parquet Adhesive, WAKOL PU 210 Parquet Adhesive or WAKOL PU 225 Parquet Adhesive is used. When laying the parquet do not grind the surface of the levelling compound. Do not grind Levelling Compound before laying parquet.

For the conductive laying of thick flooring (such as PVC) with wet bed adhesives on dense subfloors 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.

This Technical Information of 16.02.2010 supersedes all previous versions.