

# LEVELLING COMPOUND AS A WEAR SURFACE | WAX AND OIL

WAKOL Z 610 Levelling Compound, dust-reduced / WAKOL Z 615 Levelling Compound, dust-reduced /  
WAKOL Z 625 Levelling Compound | LOBASOL 2K ImpactOil and LOBASOL Akzent 100 Wax

## GENERAL NOTES

Surface finishing enables sustained use of a levelling compound and improves the following performance characteristics:

- Protection against dirt, dust and liquids
- Chemical resistance
- Easy cleaning and care

A wear surface similar to a varnished parquet surface is created.

Surface finishing cannot improve the technical properties of the levelling compound.

## Range of use

Due to the special surface characteristics of cement-based levelling compounds, the following loads and ranges of use are approved:

Privately-oriented areas	Commercially-oriented areas
<ul style="list-style-type: none"> <li>• Living rooms</li> <li>• Bedrooms</li> <li>• Basements</li> <li>• Hobby rooms</li> </ul>	<ul style="list-style-type: none"> <li>• Boutiques</li> <li>• Art galleries</li> <li>• Museums</li> <li>• Kindergartens</li> </ul>

Other ranges of use (such as car dealerships and shopping malls) are possible after consultation with the LOBA Technical Department.

### Mechanical resistance:

- Resistant to mildly abrasive or rolling loads

### Liquids:

- Both the varnished and the oiled system structure are permeable systems
- Liquids should be wiped up immediately, as discolorations may occur due to prolonged exposure
- Liquids can permeate the levelling compound unimpeded if damage occurs to the film (scratches, holes, cuts, etc.)
- Depending on the intrinsic color of the levelling compound or surface coating, impurities become more visible, e.g. dark coffee stain on light levelling compound

### Look:

Minor visual impairments such as color differences or fine hairline cracks cannot be excluded when using a cement-based compound.

## PROCESSING INSTRUCTIONS | LEVELLING COMPOUND

### Step 1 – Subfloor preparation:

- There must be a correctly prepared, mineral and sufficiently stable subfloor in accordance with the standard
- The use on subfloors with residual moisture or accelerated screeds are a higher risk of cracking when the screed deforms later
- The subfloor must be prepared to receive a covering by e.g. filling of holes, complete removal of old adhesive and levelling compound residues, applying on tile coverings, different screed surfaces and unevenness
- Appropriate primers, levelling compounds and/or screed additions must be selected depending on the subfloor

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Further structuring takes place on the prepared subfloor:

## Step 2 – Apply levelling compound to prepare for surface coatings:

- WAKOL PU 280 Polyurethane Primer, consumption approx. 100-150 g/m<sup>2</sup>, approx. 60 min. drying time
- Then WAKOL D 3045 Special Primer, consumption approx. 100-150 g/m<sup>2</sup>, approx. 30-60 min. drying time
- Mount edging strips if no longer present
- Apply exclusively WAKOL Z 610 Levelling Compound, dust-reduced /

- WAKOL Z 615 Levelling Compound, dust-reduced / WAKOL Z 625 Levelling Compound at a minimum of 3 mm layer thickness. Allow levelling compound to mature for at least 2 minutes. The maximum layer thickness is 5 mm. If higher layer thicknesses are required, the surface must be levelled before the system can be applied.
- Drying time before applying the surface coating is at least 24 hours

## Tips for processing

- Stir with the basket stirrer using cold water
- Maintain the same amount of water throughout, avoid overwatering the compound
- Observe room climatic conditions:
  - Room temperature between +18 °C and +25 °C
  - Floor temperature between +15 °C and +25 °C
  - Humidity between 45 % and 75 %
- Switch off underfloor heating before starting work
- Stir with 2 persons, for larger areas (200 m<sup>2</sup> and larger) use a suitable mixing

pump, e.g. m-tec duo mix, PFT G4 or PFT Ritmo XL. We recommend the additional use of a remixer.

- Apply levelling compound with a flooring trowel
- Work in batches as far as possible, mix batches for larger areas and non-separated areas
- Rewatering of the surface ("decorative cloud formation") or coloring of the levelling compound is not permitted
- Expansion joints must be transferred into the surface
- Avoid draughts during the drying of the levelling compound

## PROCESSING INSTRUCTIONS | SURFACE TREATMENT

### Surface treatment prerequisites

- Do not sand the surface of the levelling compound after it has dried. Existing elevations (e.g. by lumps) must be chiseled off.
- The floor must be free of oil, grease, wax, silicone and dust
- Room temperature between +15 °C and +25 °C
- Relative humidity between 40 % and 65 %
- Material temperature between +18 °C and +25 °C
- Ventilate carefully

### Step 3 – System structure to form a varnished surface:

- Apply 1 x LOBASOL 2K ImpactOil transparent with the LOBATool oil roller Microfaser 60-80 roll evenly and thinly. Material consumption approx. 80 g/m<sup>2</sup>
- After a short exposure time equalize surface with a single-disc machine and an LOBATool special-pad beige
- Overnight drying
- Apply LOBASOL Akzent 100 Wax with the LOBATool Trowel, carefully and thinly (approx. 20 g/m<sup>2</sup>). Work in sections
- After a short exposure time of a few minutes, use a single disc machine with an underlayered LOBATool special-pad beige to equalize the surface

The warranty for surface finishing is only given when using the above mentioned products. Warranty shall be waived when using other materials.

LOBASOL 2K ImpactOil and LOBASOL Akzent 100 Wax are oxidative drying products. Therefore, good ventilation must be ensured during the drying phase. Complete drying is achieved after 5 days.

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## Instructions on processing

- Can be carefully walked on after 4-6 hours
- Can be exposed to light traffic after 24 hours
- Full traffic capability, initial care and coverage after 5 days
- Earlier coverage possible with LOBATOOL Cover 400

## Care

Measures	Product	Cleaning and maintenance equipment	Intervals
Maintenance cleaning 50 - 100 ml Cleaner per 10l water	<b>LOBACARE Cleaner</b>	Damp-wiped cleaning, LOBAHOME Mop, LOBAHOME SprayMop optional	Up to every working day
Maintenance care 200 - 300 ml WaxCleaner per 10l water	<b>LOBACARE WaxCleaner</b>	LOBAHOME Mop	Every three times of maintenance cleaning (instead of LOBACARE Cleaner)
Thorough cleaning Dilute 1:2 with water	<b>LOBACARE ParkettSoap</b>	Apply in sections with LOBAHOME Mop, treat with single-disc machine LOBASAND SpecialPad green, soak up cleaning fluid, then neutralize the surface with clear water	Every 12 months After sufficient drying, an application of LOBASOL Akzent 100 Wax is required

All intervals stated above shall be understood as a guide and are directly related to the daily stress on site.

## Please note

We guarantee a consistently high quality of our products. All information given refers to standard conditions and is based on tests and many years of practical experience. The variety of materials used and different construction site conditions outside our immediate control shall waive any claim arising from this information. We therefore recommend you carry out your own tests a sufficient number of times. The installation instructions of the flooring manufacturers and currently valid standards and data sheets must be observed. Furthermore, we are happy to assist you with technical advice.

Please refer to the technical information for the respective products at [www.loba.de](http://www.loba.de) or [www.wakol.com](http://www.wakol.com).

This structure recommendation dated 31.03.2021 replaces all previous versions.