

LEVELLING COMPOUND AS WEAR SURFACE | VARNISHED

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:

Private-oriented areas	Commercial-oriented areas
<ul style="list-style-type: none"> • Living rooms • Bedrooms • Basements • Hobby rooms 	<ul style="list-style-type: none"> • Art galleries • Museums • Kindergartens

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

Resistance

Mechanical resistance:

- Resistant to mildly abrasive or rolling loads

Liquids:

- These are diffusion-open systems
- Liquids must be absorbed immediately, as discolourations 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

Appearance:

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:

- A standard-compliant and sufficiently load-bearing mineral subfloor must be available
- Application on subfloors with elevated residual moisture or accelerated screeds carries a high risk of cracking due to subsequent screed movement
- The substrate must be prepared to receive a floor covering, e.g., filling of holes, complete removal of old adhesive and levelling compound residues, levelling of unevenness, tile coverings or different screed surfaces
- Appropriate primers, levelling compounds and/or screed additions must be selected depending on the subfloor
- Levelling compound may run into recesses and holes; these areas must be closed or levelled in advance

LOBA 2K Style / LOBA 2K Resist

LOBA StyleBase

Wakol levelling compound

Z 610, Z 615, Z 625

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The next steps are carried out on the prepared substrate:

Step 2 – Apply levelling compound for surface coatings:

- WAKOL PU 280 Polyurethane Primer, consumption approx. 100 -150 g/m², approx. 60 min. drying time
- Then WAKOL D 3045 Special Primer, consumption approx. 100 -150 g/m², 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
- Use 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 m² 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 mixer.

- Apply levelling compound with a flooring trowel
- Work in batches as far as possible, mix batches for larger 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

Prerequisite for surface treatment

- 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 75 %
- Material temperature between +18 °C and +25 °C
- Ventilate carefully

Step 3 – System set-up for creating a varnished surface:

- Roll 1 x StyleBase evenly with the LOBA Roller Microfibre 100 -120. Application quantity 100 -120 g/m²
- Drying time min. 3 hours, only continue working when the surface is visually uniformly dried, maximum 24 hours
- No intermediate sanding after priming
- Roll 1 x 2K Style evenly with the LOBA Roller Microfibre 100 -120. Application quantity approx. 100 g/m²
- Alternatively: Roll 2 x 2K Resist evenly with the LOBA Roller Deluxe 120. Application quantity approx. 80 bis 100 g/m²

The warranty for the surface finish is only valid when using the care products listed below and is void if other materials are used.

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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

For the cleaning and care of the coated leveling compounds, please follow the [LOBA care instructions for elastic and finished mineral floors](#).

Notes

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](#) or [www.wakol.com](#).

This set-up recommendation of 09.12.2025 supersedes all previous versions.