

LEVELLING COMPOUND AS A WEAR SURFACE | VARNISHED

WAKOL Z 610 Levelling Compound, dust-reduced / WAKOL Z 615 Levelling Compound, dust-reduced /
WAKOL Z 625 Levelling Compound | LOBADUR FactoryBase and LOBADUR 2K FactoryStyle

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

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
- As levelling compound can run into recesses and holes, these areas must be closed or levelled before applying the levelling compound

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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/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 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 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 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
- Floor temperature between +15°C and +22°C
- Relative humidity between 40 % and 75 %
- Material temperature between +18°C and +25°C
- Ventilate carefully

Step 3 – System structure to form a varnished surface:

- Roll 1 x LOBADUR FactoryBase evenly with the LOBATOOL 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 LOBADUR 2K FactoryStyle evenly with the LOBATOOL Roller Microfibre 100-120. Application quantity approx. 100 g/m²
- The warranty for surface finishing is only given when using the above mentioned products. Warranty shall be waived when using other materials.

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

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Care

Care to maintain the matt level

Measures	Product	Cleaning and maintenance equipment	Intervals
Initial care with CareCleaner	LOBACARE CareCleaner (1:10)	LOBAHOME Mop	Before initial use and after every thorough cleaning
Maintenance cleaning 50 - 100 ml Cleaner per 10l water	LOBACARE Cleaner	Damp-wiped cleaning, LOBAHOME Mop, LOBAHOME SprayMop optional	Up to every working day
Wipe-on care 50 ml CareCleaner per 10l water	LOBACARE CareCleaner (1:200)	Damp-wiped cleaning, LOBAHOME Mop, LOBAHOME SprayMop optional	Alternate with maintenance cleaning
Maintenance care	LOBACARE CareCleaner (1:10)	LOBATOOL Mop	4 - 6 times a year
Thorough cleaning Dilute 1:4 with water	LOBACARE CareRemover	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 LOBACARE CareCleaner (1:10) is required

Care to increase the gloss level

Measures	Product	Cleaning and maintenance equipment	Intervals
Initial care with FloorCare	LOBACARE FloorCare anti-slip	LOBATOOL applicator	Before initial use and after every thorough cleaning
Maintenance cleaning 50 - 100 ml Cleaner per 10l water	LOBACARE Cleaner	Damp-wiped cleaning LOBAHOME Mop	Up to every working day
Maintenance care	LOBACARE FloorCare anti-slip	LOBATOOL applicator	4 - 6 times a year
Thorough cleaning Dilute 1:4 with water	LOBACARE CareRemover	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 LOBACARE FloorCare anti-slip is required

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

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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 or www.wakol.com.

This structure recommendation dated 05.08.2021 replaces all previous versions.