

FactoryBase and 2K FactoryStyle

The industrial look of exposed concrete is minimalist and timeless. Sealing with LOBADUR FactoryBase and 2K FactoryStyle preserves the natural coloring and optical effects of visible fillers and thus offers a wide range of design options.

The surface finishing enables a permanent use of leveling compounds that are designated by the manufacturer as suitable for the creation of wear surfaces. It improves the following usage properties:

- Protection against dirt, dust, liquids
- Resistance to household chemicals
- Simple cleaning and care

The surface finishing does not change the leveling compound's technical properties. Therefore, when selecting the leveling compounds, please take their properties into account.

1. Approval of Fillers

1.1. Testing Process and Approval Stages

LOBA offers two different approval stages, depending on the scope of the testing:

Type of test	Approval stage	
	Basic	System warranty
Adhesion	✓	✓
Mechanical and chemical resistance	✓	✓
Large-scale application tests on various construction sites in cooperation with the manufacturers of the filler		✓
Service On Top!		
Detailed design recommendation from the filler manufacturer and LOBA		✓
Additional safety thanks to renewed tests with every change in the formula of the filler		✓

Further Information on the Tests

- Our adhesion test is carried out on un-sanded leveling compounds. If the filler is sanded, we cannot guarantee adhesion.
- If the ambient conditions and/or the substrate change (see Section 2.2. Requirements for Surface Treatment), different results may be obtained. Therefore, in this case, preliminary tests are required regardless of the approval stage and are the responsibility of the processor.

Further Information on the Approval Stages

„System Warranty“ approval stage

We have carried out very extensive tests in cooperation with the manufacturer - you can start right away. The system is also checked again at all levels each time the formula of the leveling compound is changed.

„Basic“ approval stage

It is your responsibility to carry out the application tests for both categories from the above table yourself.

We are constantly updating the list with new fillers so that it remains clear for you.

If you have any questions, please ask your LOBA contact.

Non-approved Fillers

All fillers that are approved by the manufacturer as flooring material but are not listed above can be used at your own discretion and sealed with our system construction. All of the tests for this must be carried out by yourself.

If you have any questions, please ask your LOBA contact.

1.2. Approved fillers

Manufacturer	Product	Approval stage	As of
Wakol	Z 610	 System warranty: Click here for the detailed set-up recommendation	up-to-date
Wakol	Z 615		up-to-date
Wakol	Z 625		up-to-date
Ardex	K40	Basic	06/02/2020
Ardex	K80	Basic	06/02/2020
Chemotechnik	Rheodur Megaplan	Basic	07/24/2020
Kiesel	ServoArt CeFlo	Basic	01/09/2020
Kiesel	Servoplan S 111	Basic	07/24/2020
Kiesel	Servoplan P200 Plus	Basic	07/24/2020
Sika	Schönox ZM	Basic	01/09/2020
Sopro	Design flow filler DSF 963, 964, 965	Basic	07/24/2020
Thomsit	XXL Power	Basic	07/24/2020
Uzin Utz	SC 993	Basic	07/24/2020

1.3. Tips for Tests for which You are Responsible

Just as for our tests, setup must be carried out according to the setup recommendations from the manufacturer of the filler and LOBA. Changes in the ambient conditions and/or the substrate may lead to differing results, therefore preliminary tests are always necessary and are the responsibility of the user.

You can check the following for yourself:

- **Adhesion:** Cross-cut test with a distance between cuts of 5 to 6 mm, based on the DIN EN 2409 standard.
- **Mechanical resistance, chemical resistance and application tests:** Create a large sample area and expose it to the expected use in the object for a meaningful period of time.

2. Surface Treatment

2.1. Tips for Preparing the Filler

- Make sure that the filler is approved by the manufacturer as a wear surface.
- The filler must be built up according to the manufacturer's instructions. Please pay particular attention to the following information
 - Information on room temperature and humidity.
 - Information on drying time: the filler must be dry to ensure adhesion and to prevent color changes in the paint. However, it must not be left lying too long before being sealed.
 - Information on durability: Only use fresh and properly stored filler.
 - Details for deaeration: The filler should be well deaerated before sealing in order to ensure that the pores are closed securely.

2.2. Requirements for Surface Treatment

- Most leveling compounds must not be sanded before surface treatment. Please follow the filler manufacturer's instructions in this regard. Our adhesion test is carried out on un-sanded leveling compounds.
- Any raised areas (e.g. caused by lumps) must be rejected.
- The floor must be free of oil, grease, wax, silicone, and dust.
- Room temperature 15°C to 25°C.
- Relative humidity 40% to 75%.
- Material temperature 18°C to 25°C.
- Ventilate carefully.

2.3. System Structure for Producing a Painted Surface

- Roll 1 x LOBADUR FactoryBase evenly with the LOBATool Microfibre 100-120 coating roller. Applied quantity: 100 to 120 g/m².
- Drying time: min. 3 hours, do not continue working until the surface has dried uniformly, max. 24 hours.
- No intermediate sanding after priming.
- Roll 1 x LOBADUR 2K FactoryStyle evenly with the LOBATool Microfibre 100-120 coating roller. Application quantity: approx. 100 g/m².

2.4. Notes on Processing

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

2.5. General Information on the LOBA System Structure

The LOBADUR FactoryBase & LOBADUR 2K FactoryStyle system structure is a diffusion-open system.

- Liquids should be wiped up immediately, as discoloration can occur after 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 leveling compound or surface coating, stains become more obvious, e.g. dark coffee stain on light leveling compound.

Minor optical impairments such as color differences or fine hairline cracks cannot be excluded when using a cementitious compound. Insufficiently dried leveling compounds / fillers can lead to color differences in the sealant.

3. Care

We have compiled all information on care for you in the care instructions. You will find these [here](#).

4. Legal Information

The warranty for surface finishing is only given when using the above-mentioned products and expires if other materials are used. All intervals are to be understood as non-binding guidelines and are directly related to the daily stress on site.

We guarantee a consistently high quality of our products. All information relates to standard conditions and is based on tests and many years of practical experience. The variety of materials used and different construction site conditions over which we have no control excludes any claim arising from this information. Therefore, we recommend sufficient testing of your own. The instructions of the filler manufacturers and the currently valid standards and data sheets must be observed.

We are also happy to provide you with technical advice.

Please note the technical information for our respective products. You can find this at www.loba.de/en/.