



Globally Proven
Construction Solutions

LEVELEX®-ECO SEAL 2K

Abrasion resistant sealant for use with industrial floors that offers high surface strength and anti-slip protection.

FIELDS OF APPLICATION

- for indoor use
- sealing of absorbent and sandy substrates in production areas and warehouses
- sealing and protection of previously created floor areas with products LEVELEX-ECO lines
- protection against salt water and aggressive chemicals

CERTIFICATIONS

MAIN FEATURES

- **Environmentally friendly**
- **VOC – and APEO-free**
- **Water vapor permeable**
- **Prevents from penetrating liquids and dirt**
- **Closes pores of the substrate**
- **Increases the strength of porous substrates**
- **Reduces abrasion**

MANUFACTURER

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Suitable Substrates

- Concrete

Packaging

5 kg (A) + 1 kg (B)

Approximate Coverage

Approx. 90 – 130 g/m² depending on substrate conditions and absorbency

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for nine (9) months if stored off the ground in a dry area. Store in an area between 10 – 25 °C. Do not allow to freeze.

Limitations

- For decorative surfaces a mockup should be created in an inconspicuous area at least one day before application.
- The application has to be protected from drying too quickly (due to drafts or intense heat from the sun) for at least 24 hours.
- Some minor color differences are inevitable due to different production batches. This should be taken into account while performing work. It is necessary to work on designated sections with the same batch (see label) if a uniform color is desired.
- Due to different water addition during application or changing working techniques light color shades in the coating surface can occur.
- Please take note that this coating is a mineral/inorganic product. Product colors are not fully conformed to the RAL-Map and therefore they should only be seen as estimated classifications.

Warning

Consult SDS for more safety information.

- During cold weather, protect finished work from traffic until fully cured.
- Keep out of reach of children.
- May cause allergic reactions and respiratory irritation. Sufficient ventilation during application has to be ensured. LEVELEX®-ECO SEAL 2K is harmless after hardening.

4. TECHNICAL SPECIFICATIONS**Physical Properties**

Basis	Aqueous dispersion with hardener component
Pot life	60 minutes
Working temperature	min. +10 °C max. +35 °C

Walkable	12 hours
Light Traffic	3 day
Heavy Traffic	7 days
Mixing ratio	1:5:5 (hardener : polymer : water)
Color	Milky white
Necessary number of applications	3-4 with a time span of 15-45 min in between (depending on layer)

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

5. APPLICATION**Surface Preparation**

Prior to application ensure that the underground is dry, dust-free, clean, and free from other substances that could lead to separation before coating. Chalking and strongly sandy components must be removed before application (suck off with efficient industrial vacuum cleaner). Remove render and/or coatings. After all cleaning procedures use disposable shoe covers to avoid any type of dirt ingress.

Mixing**NORMAL SUBSTRATES:**

Mix one part component A with one part water (1:1). For best results use a paint mixing wand. After mixed thoroughly, mix 1 part of component B with 10 parts of the newly diluted component A (1:10) slowly adding the hardener while stirring for 3 minutes.

HIGHLY ABSORBENT SUBSTRATES:

Mix 1 part component A with two parts water (1:2). For best results use a paint mixing wand. After mixed thoroughly, mix 1 part of component B with 15 parts of the newly diluted component A (1:15) slowly adding the component B while stirring for 3 minutes.

Application

The mixed LEVELEX®-ECO SEAL 2K is carefully applied to avoid streaks by using a short fiber paint roller or by sprayer. For applications using paint rollers, apply painters tape around the roller cover and remove the tape to remove all loose fibers. When applying with a sprayer, the material should be distributed evenly across the surface with a foam squeegee.

After the coating has developed a strong film (usually between 15 – 43 minutes), apply a second coat of the product. Use shoe covers to avoid any type of pollution of the

previously dried surfaces. Existing footprints are difficult to remove and affect the appearance of the whole coating. The exact drying times depend on the substrate conditions, the ambient temperature, and the relative humidity. Before application of additional layers observe sufficient filming formation of the product. On highly absorbent substrates or high traffic areas, four layers of -LEVELEX®-ECO SEAL 2K are recommended.

Within the first 7 days do not expose to water. Thereafter, the surface is resistant to permanent water load, beverages, oil and fats. Scratches in the surface caused by mechanical abrasion can be repaired with a new layer of sealer.

Cleaning

All equipment should be washed clean and dried before and after application.

6. AVAILABILITY AND COST

Availability

LATICRETE AND LATAPOXY materials are available worldwide. For distributor information, please contact LATICRETE EUROPE S.r.l. Telephone +39 059 557680.

For on-line distributor information, visit www.laticrete.eu

Cost

Contact a LATICRETE and LATAPOXY closer distributor to obtain complete information and cost.

7. WARRANTY

The supplier warrants that the product will not deteriorate under normal conditions and use. The warranty validity of one (1) year.

Contact Technical Support for further information.

8. MAINTENANCE

LATICRETE and LATAPOXY are products of high quality designed to achieve lasting installations and avoid maintenance, however performance and durability may depend on properly maintaining products, depending of the cleaning products used.

9. TECHNICAL SERVICE

Technical assistance

For information contact: +39 059 557680

info@laticreteurope.com

Technical and safety literature

To obtain technical and safety literature, please visit our website at www.laticrete.eu

Warning

The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE unable to directly control the installation conditions and modalities of application of products, do not assume any liability arising from their implementation. Those who want to use the LATICRETE products must conduct adequate tests to determine the site specifications. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site conditions.