



AUS GUTEM GRUND

panDOMO[®] EP Patch

**Solvent-free, trowelable epoxy resin
primer for PANDOMO[®] substrate
preparation**

Epoxy resin bonding bridge with a wide range of applications in the system with PANDOMO[®] Floor and PANDOMO[®] K2 flooring on Lindner FLOOR and more[®] cavity floors



High mechanical strength Solvent-free

Good adhesion to various substrates

Paste-like, trowelable consistency with good penetration properties

Manufacturer with certified
QM/UM system according
to
DIN EN ISO 9001/14001

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panDOMO® EP Patch

Solvent-free, trowelable epoxy primer

Scope:

For indoor use. Wall, floor

Primer and bonding bridge for commercial use only

- for hollow floor constructions with Lindner FLOOR and more® hydro and power
- For substrates made of concrete, cement and calcium sulphate screed
- For closing pores and cavities in the screed
- for setting rail profiles

Art:

PANDOMO® EP Patch is a solvent-free, trowelable 2-component epoxy resin primer with a wide range of applications. The 10 kg unit consists of 7.725 kg resin (component A) and 2.275 kg hardener (component B).

Preparation of the substrate:

The substrate must be solid, load-bearing, clean and free of separating agents. Surfaces that are not sufficiently solid or dirty must be removed mechanically, e.g. by sanding, shot-blasting or milling. Mechanical pre-treatment of new substrates is usually necessary.

On cement screeds and concrete floors, priming can be carried out at a moisture content of less than 2 wt.%, on calcium sulphate screeds without the use of underfloor heating (FBH) less than 0.5 wt.% or with FBH less than 0.3 wt.%.

Processing:

While observing the safety instructions, open the resin and hardener can, stir the resin (component A) using a spiral stirrer. Pour the hardener (component B) into the resin can. Mix the resin and hardener at low speed (250-300 rpm) for at least 3 minutes until a homogeneous, plastic mixture is achieved in the container. Transfer the mixed material into a clean container and stir intensively again. Any residues remaining in the container after repotting must not be used for further processing.

The application is carried out using a Rapidspach- tel (spring spatula) in an even, full-bodied application. Trowel strokes should be avoided. The material loading is approx. 400 g/m².

Preparation for subsequent PANDOMO® Floor (FloorPlus) and K2 processing.

PANDOMO® HG is spread evenly and densely into the fresh surface. After drying and removal of the unbound sand, the floor is prepared to receive PANDOMO® Floor (FloorPlus) and K2.

Preparation for subsequent PANDOMO® K2 processing on LINDNER Floor and more.

For preparing the substrate in combination with PANDOMO® FAM (glass fibre mat): The mat is embedded in PANDOMO® EP (Please refer to the PANDOMO® EP product data sheet) After drying, the

On the following day (after 48 hours at the latest), lightly sand the surface with a diamond hand router (35-50 grit) and then fill with PANDOMO® EP Patch.

The material required for the second application is approx. 400-500g/m². The layer thickness should be chosen so that the structure of the glass fibre mat is no longer perceptible. Finally, the fresh surface is evenly and densely sprinkled with PANDOMO® HG. After drying, the floor is ready to receive PANDOMO® K2. For an optimum result, PANDOMO® K2 should then be applied in 3 coats.

Processing for closing pores and cavities and for setting rail profiles:

When filling pores and cavities on screed constructions, apply the material with the spring trowel to the clean, dry surface and smooth it down. The setting and levelling of metal profiles for subsequent filling work can be carried out on the clean, load-bearing substrate directly with PANDOMO® EP Patch fresh in fresh.

A uniform application thickness of at least 400 g/m² must be ensured. A full-surface and uniformly dense sanding of the fresh resin must be carried out for the subsequent floor systems with ARDEX QS or PANDOMO® HG.

As a primer under PANDOMO® K2:

After pre-filling with PANDOMO® K1 or K3, application can take place after approx. 1-3 days, depending on climate and application thickness.

The application is carried out with a rapid spring trowel. PANDOMO® EP Patch must be carefully applied to the substrate using the trowel method. Trowel impacts must be avoided. A uniform application thickness of at least 400 g/m² must be ensured.

Processing conditions:

The material, air and substrate temperatures must be at least +15°C and max. +30°C. The relative humidity must not exceed 80%. The substrate temperature must be at least +3°C above the dew point temperature. Higher or lower temperatures reduce the processing properties. The curing time is longer at low and shorter at higher substrate and ambient temperatures.

Processing time:

PANDOMO® EP Patch can be applied after mixing at +20°C for approx. 40 minutes.

Safety/disposal notice:

The current information can always be found in the safety data sheets.

Component A:

Causes skin irritation. May cause allergic skin reactions. Causes severe eye irritation.

Toxic to aquatic organisms, with long lasting effects.

Contains epoxy-containing compounds. May cause allergic reactions.

Keep out of the reach of children. Wear eye protection and protective gloves.

If skin irritation or rash occurs: Seek medical advice/attention.

If eye irritation persists: Seek medical advice/attention.

Dispose of contents/container to a hazardous or special waste collection point in accordance with local, regional, national and/or international regulations.

Component B:

Harmful if swallowed. Causes severe skin burns and eye damage. May cause allergic skin reactions. Harmful to aquatic organisms, with long lasting effects.

Contains epoxy-containing compounds. May cause allergic reactions.

Keep out of the reach of children. Wear eye protection and protective gloves.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Seek medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove existing contact lenses if possible. Continue rinsing.

IF INFECTED: Call a doctor immediately.

Dispose of contents/container to a hazardous or special waste collection point in accordance with local, regional, national and/or international regulations.

To be noted:

PANDOMO® EP Patch must be applied immediately and quickly after mixing. Exceeding the working time will result in low strength and adhesion losses.

Ensure good ventilation during the drying and curing phase.

All guaranteed properties are obtained in combination with the corresponding sands and ARDEX accessories. The use of other sand types or accessories may influence the product properties.

Technical data

according to ARDEX quality standard:

Mixing ratio: is determined by the container.
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Density: Component A 1.11 kg / l
Component B 0.98 kg / l

Material requirement: 400-800 g/m² / per order
(depending on the absorbency of the substrate and the type of use)

Processing time

(+20°C): approx. 40 min.

Accessibility

(+20°C): after approx. 12 h

Further processing

(+20°C): after approx. 12-16 hrs.

Floor

suitable for heating: yes (max. 40°C flow temperature)

Labelling

according to GHS/CLP: Component A:
GHS07 "Exclamation mark" GHS09 "Environment" Signal word: Caution
Component B:
GHS07 "Exclamation mark" GHS05 "Corrosivity" Signal word: Danger

Labelling

according to GGVSEB/ADR: Component A:
UN 3082 Environmentally hazardous substance, liquid, n.o.s.
Component B:
UN 2735 Amines, liquid, corrosive, n.o.s.

GISCODE: RE 1

Packing: 10 kg unit
Two-component container with 7.725 kg component A, 2.275 kg component B, net

Storage: In dry rooms at +5°C to
Can be stored for approx. 24 months at +30°C in the original sealed container.

Settling of the material during storage is of no significance for the quality.

We guarantee the perfect quality of our products.

Our application recommendations are based on tests and practical experience; however, they can only be general information without any guarantee of properties, as we have no influence on the construction site conditions and the execution of the work. Country-specific regulations based on regional standards, building regulations, processing or industry guidelines may lead to specific processing recommendations.

