



FOR GOOD REASONS

panDOMO[®] EP

Solvent free epoxy primer for the Preparation of PANDOMO[®] Floors

Coloured epoxy primer with multiple use

In the system with PANDOMO[®] Floor and Loft coverings

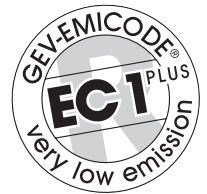
High mechanical load

Solvent free

Good adhesion to most substrates

Low viscosity with high penetrating capacities

Easy to apply



Reg. No. 37344

Manufacturer
with certified quality system
as per DIN EN ISO 9001

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panDOMO® EP

Solvent free epoxy primer

Use:

Primer for concrete, sand cement screeds and anhydrite screeds.

For the interior.

Description:

PANDOMO® EP ist a solvent free 2K-epoxy primer with multiple use.

The 10 kg- unit consists of 7,725 kg resin (component A) and 2,275 kg hardener (component B).

Substrate preparation:

The substrate has to be sound, load bearing, clean and free from dust and other release agents. Insufficient firm and contaminated substrates have to be cleaned mechanically by means of grinding, shot blasting. A preparation of new substrates is unusually not necessary.

As primer below PANDOMO® K2:

After pre-levelling with PANDOMO® K3/K1 depending on climate and thickness the subsequent layer can be applied within 1-3 days.

On sand cement screeds and concrete substrates the primer can be applied at a moisture content below 2% and on anhydrite screeds below 0,5 %.

Application:

Open the resin and hardener agent. The resin (component A) has to be stirred by means of a spiral stirrer. Hardener agent (component B) has to be put into the resin. Then mix the two components with a electrical mixer at a low speed (250-300 rpm) for at least 3 minutes until a homogenous mixer is achieved. Mixed material has to put than into a clean vessel and remix again. Remains should not be used for the further process. If smaller quantities are need make sure to mix them in the right ratio.

Priming:

Priming has to be done with a short pile roller. Please apply the PANDOMO® EP cross wise to the substrate. Please make sure to apply a minimum of 200 gr/m².

Onto the fresh resin sand blinding should be in accordance with the used system witht ARDEX QS or PANDOMO® HG.

Pay attention to the following:

Product air and substrate temperature should be min. +15°C and max. +30°C. The RH should not be above 80%. The substrate temperature should be at least +3°C above the dew point. Higher and lower temperatures will reduce the levelling properties.

Application time:

PANDOMO® EP can be used after mixing at +20°C approx. 40 minutes. The curing time will be longer at lower temperatures and will be shorter at higher ambient.

Component A:

Causes skin irritation. Causes an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects. Keep out of reach of children. Avoid release to the environment. Wear eye protection. Wear protective gloves.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Avoid breathing vapour/spray.

IF ON SKIN: Wash with plenty of soap and water. Collect spillage.

Component B:

Harmful if swallowed. Harmful in contact with skin. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Harmful if inhaled. Harmful to aquatic life with long lasting effects. Keep out of reach of children. Wear protective gloves. Wear eye protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Dispose of contents/container in accordance with local regulations. Dispose of contents/container in accordance with regional regulations. Dispose of contents/container in accordance with national regulations. Dispose of contents/container in accordance with local regulations. Avoid release to the environment. Do not breathe vapour/spray. Wash contaminated skin thoroughly after handling.

To be observed:

After stirring PANDOMO® EP must be worked immediately without interruption. The end of the pot life after 40 minutes is not noticeable. An extension of the pot life may result in lower strength and adhesion defects.

Please provide good ventilation during the drying and hardening of the material.

The confirmed properties can only be achieved in combination with the corresponding ARDEX sand. The use of other sands may effect the product properties.

Disposal:

See MSDS.

Technical data according to ARDEX-quality standards:

Mixing ratio:	Specified by the packaging
Density:	Component A 1,11 kg / l Component B 0,98 kg / l
Material requirement:	Min. 200 g/m ² /per coat (depending on the absorbency of the substrate)
Working time (+20°C):	Approx. 40 minutes
Trafficable (+20°C):	After 12 hours
Subsequent work (+20°C):	After 12 – 16 hours
Suitable for underfloor heating:	Yes (max. 40°C intake)
Classification according GHS/CLP:	Component A: GHS07 "Exclamation mark" GHS09 "Aquatic Environment" Signalword: Warning Component B: GHS07 "Exclamation mark" GHS05 "Corrosive" Signalword: Hazadours
Classification according GGVSEB/ADR:	Component A: UN 3082 Component B: UN 2735
GISCODE:	RE 1
Packaging:	10 kg Unit 2K-packaging witht 7,725 kg Component A, 2,275 kg Component B, net
Storage:	Can be stored in dry rooms for 24 months between +5°C and +30°C. A sedimentation does not effect the quality of the product.

