



ARDEX EP 500

Epoxy primer

- Primer and bonding agent for absorbent and dense substrates indoors and outdoors
- System primer under ARDEX S 2-K PU sealing compound
- Can be used without sanding
- Thixotropic consistency for wall and floor areas
- Barrier for capillary rising damp
- Spatula, roller and brushable consistency
- Solvent-free



Area of application

Indoor and outdoor. Floor, wall and ceiling.

System primer and bonding agent under ARDEX S 2-K PU for absorbent and dense substrates such as:

- Concrete,
- Cement and lime-cement plasters,
- Cement screeds and calcium sulphate screeds,
- Tiles and slab coverings,
- Terrazzo,
- Dry screeds,
- Levelling compounds.

Art

Red-coloured 2-component thixotropic epoxy resin with special additives and fillers.

Preparation of the surface

The substrate must be dry, free of dirt and release agents, and its strength and load-bearing capacity must be suitable for the expected stresses. Major unevenness, cavities or pores must be levelled and/or filled using suitable measures. For calcium sulphate screeds, the residual moisture must not exceed 0.5%.

For concrete and cement screeds, ARDEX EP 500 Epoxy Primer can also be used as a barrier against capillary rising damp and residual moisture up to a maximum moisture content of 6%.

Mixing

The resin and hardener components are pre-mixed in the original containers in the correct mixing ratio.

The hardener component is added to the resin component by piercing the lid several times with a pointed object. Lift the lid slightly and allow the contents to drain completely. Then remove the lid and mix the components thoroughly with a suitable stirrer.

Processing

ARDEX EP 500 Epoxy Primer should be applied evenly and completely to the substrate using a smoothing trowel. If necessary, it can also be applied with a short or medium pile roller or a brush.

Once ARDEX EP 500 has hardened, ARDEX S 2-K PU Highly resistant sealing compound must be applied within 5 days. If waterproofing is not carried out within this time, ARDEX EP 500 must be sprinkled with 0.3–0.9 mm fire-dried quartz sand.

Tools can be cleaned with ARDEX CW cleaning cloths or ARDEX RG Cleaner epoxy cleaner, while still fresh.

ARDEX EP 500 epoxy primer must be applied at temperatures between +10 °C and max. +30 °C and within the specified working time of 20 - 30 minutes.

Note

The information in our safety data sheets must be observed.
For commercial users only!

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Additional information

Handle with care during processing: avoid dust formation and release into the environment.

Dispose of the container and its contents in a solidified state in accordance with applicable local/regional/national/international regulations.

Technical data according to ARDEX quality standard

Mixing ratio	Specified by the container	
Material requirement approx.	Consumption 100 - 200 G/m	Condition Depending on the surface condition and the tool used
Fresh weight approx.	1,10 kg/l	

Application properties

Processing time approx.	30 Minute(s)	
Drying time approx.	Time 12 Hours	Condition For wall and floor areas
Application Ambient conditions	+20°C	

Product details

Suitable for underfloor heating	Yes
Labelling according to GHS/CLP	See relevant safety data sheet
Self-service regulation	2
Labelling according to ADR	See relevant safety data sheet
Packaging	Bucket with 3 kg net
Storage	Can be stored frost-free for approx. 12 months in the original sealed container.