



UZIN Epoxy-Accelerator

Accelerator for 2-component epoxy resins

Description:

Accelerator for epoxy resin primers UZIN PE 460 and UZIN PE 480 for faster continuation of work when priming surfaces prior to installation of floor coverings, parquet, tiling or coatings. For interior or exterior use.

Suitable for/on:

- ▶ the epoxy resin primers UZIN PE 460 and UZIN PE 480
- ▶ accelerating epoxy smoothing compounds produced by mixing special fine-grade fillers UZIN ES with UZIN PE 460
- ▶ accelerating epoxy resin mortars produced by mixing special coarse-grade fillers UZIN XS with UZIN PE 460 or UZIN PE 480
- ▶ warm water underfloor heating systems and areas exposed to castor wheels in accordance with DIN EN 12 529
- ▶ as a system component in high-speed construction



- ▶ Easy to mix
- ▶ Liquid consistency
- ▶ Minimises waiting time
- ▶ Does not affect the water- and chemical- resistance of UZIN PE 460 and UZIN PE 480
- ▶ Highly inflammable, promotes fire

Product Properties / Benefits:

Liquid additive as an easy admixture to pre-mixed epoxy resin primers. By use of the accelerator additive, it is possible to apply subsequent coatings, e.g. consisting of a 2nd primer-coat, a mineral levelling coat, a mortar application or a 2-component reaction resin adhesive bed, within one day* and, therefore, to significantly reduce the usual waiting time. The quantity of accelerator can, thanks to the practical packaging units of 4 x 0.2 kg per box, be matched to the on-site situation.

Technical Data:

Packaging:	brown plastic bottle
Packsize:	4 x 0.2 kg per box
Shelf life:	minimum 24 months
Colour:	brownish / transparent
Hazard features:	see "Protection of the Work-place and the Environment"
Additive quantity:	see "Application"
Working temperature:	min. 15 °C at floor level
Pot-life of the accelerated	see material: "Applications Chart"
Consumption:	up to 4 % of the primer
Set to traffic / further applications:	after approx. 3 – 6 hours*
Final strength:	after approx. 4 – 12 hours*

*At 20 °C/68 °F relative humidity und maximum accelerator quantity.

Substrate Preparation:

Caution: as this is a very rapid application product system, the surface to be treated, tools, packaging, etc. should be so prepared as to ensure a fast and smooth flow or work.

Application:

1. Refer especially to the Product Data Sheets for all the UZIN products used.
2. Mix components A + B and only then add the desired quantity of accelerator. Mix thoroughly once again and apply the mixed material quickly.
3. Clean tools immediately after use with UZIN VE 124. Hardened material can only be removed by mechanical means.
4. The accelerator can also be used to produce epoxy smoothing compounds or epoxy mortars in conjunction with UZIN PE 460 and UZIN PE 480. For this, first add the accelerator and then the appropriate sand/filler mixture.

Applications Chart:

Accelerator quantity:	Primer:	Working time:	Set to foot traffic:
For UZIN PE 460:			
0.2 kg	10 kg	approx. 15 minutes*	5 – 6 hours*
0.2 kg	10 kg	approx. 10 minutes*	3 – 4 hours*
0.4 kg	10 kg	approx. 8 – 10 minutes*	3 – 4 hours*
For UZIN PE 480:			
0.4 kg	10 kg	approx. 10 minutes*	5 – 6 hours*

*At 20 °C and 65 % relative humidity.

Caution:

- In all cases, the quantity of accelerator added must not exceed 4 %
- After mixing in the accelerator, the application must be fully completed within the shortened pot-life. Prepare all the stages of work accordingly (see also "Important Notes")!

Important Notes:

- ▶ Shelf life minimum 24 months in original packaging when stored in relatively cool conditions. Carefully and tightly reseal opened packaging.
- ▶ **Caution:** epoxy materials can, after mixing, become very hot in the container – therefore, mix only in metal containers and apply immediately. After mixing, do not leave unattended and after use, place outdoors to complete the reaction.
- ▶ Optimum application conditions are 15 – 20 °C/59 – 68 °F and relative humidity below 75 %. High temperatures of air, substrate and epoxy resin materials shorten the reaction time of the mixed primer and the working time immensely. This effect is increased the more accelerator is added. Therefore, please take the appropriate data from the chart above.
- ▶ The application instructions must be observed exactly as stated. After mixing the UZIN Epoxy-Accelerator into the mixed primer, the resin must be applied within the prescribed working time. After the shortened working time, the mixture will set in the container immediately and will become solid.
- ▶ In addition to all relevant standards, regulations and publications, reference to the Product Data Sheets for the other UZIN products used is especially recommended.

Protection of the Workplace and the Environment:

Highly flammable. Irritant. Promotes fire. Avoid skin contact with liquid product. Do not breathe vapours.

Solvents in this product may form explosive air-vapour-mixture. Therefore provide good ventilation during and after use. No smoking, no open flames. Switch off all electric devices like door-bells, refrigerators, electric stoves, etc. Use protective gloves. Contact with flammable material may cause fire.

Observe safety information on product label as well as safety data sheet.

Disposal:

Do not allow dispersal into drains, sewers or ground. Empty, drip-free plastic containers are recyclable. Containers with liquid residues as well as collected liquid product residues are special waste. Containers with dried residues are Construction Waste.