



EUROREPAIR HG 96

2-component epoxy resin primer

Product description **EUROREPAIR HG 96** is a component of the EUROREPAIR PC 96 PC mortar system.
EUROREPAIR HG 96 improves the adhesion between concrete and subsequent layers of reactive, solvent-free synthetic resins, synthetic resin mortars or repair compounds.
EUROREPAIR HG 96 is manufactured from 100 % reactive epoxy resin in combination with special fine filler materials.

Area of application - can be used as a levelling filler when suspending agents and fine quartz sand are added
- primer for EUROREPAIR PC 96 epoxy resin mortar.

Product characteristics - ageing-resistant
- high mechanical strength
- pre-measured and solvent-free
- resists oils, diluted acids and alkaline solutions, saline solutions and diverse solvents
- The strong adhesion between substrate (tear strength at least 1.5 N/mm²) and PC mortar is greater than the tensile strength of the concrete.

Colour Brown

Substrate preparation The substrate must be clean, dry, solid and provide a good key. Loose and adhesion-reducing components must be removed, e.g. by milling or chiselling. Oil and grease residues must be removed or chiselled over a large area.
The best adhesion is achieved by prior compressed air blasting with hard blasting media.

Handling Repair locations to be re-profiled with the EUROREPAIR PC 96 system
must always be pre-treated with **EUROREPAIR HG 96**.
Only a complete container unit may be mixed. Do not divide the container!



Thoroughly mix component A and component B in accordance with the stated mix ratio (using a slow-running stirrer with a spiral or cross blade). Make sure that the edge and bottom areas are included to ensure a completely homogeneous mixture.

After mixing, the material is ready for use and must be applied to the substrate immediately. **EUROREPAIR HG 96** is applied generously to the surface and thoroughly brushed in. Subsequent layers must be applied to the uncured primer (wet on wet). Already-cured primer must be removed from the substrate before further reworking.

Minimum application temperature:

No lower than +5°C, at least +3°C above dew point limit from material application to curing.

Note	At higher temperatures, the product hardens proportionally faster. The pot life is shortened by higher temperatures and greater quantities. Already reacting, stiffening material must not be thinned or used further under any circumstances.
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Cleaning	Fresh material can be removed from the tools with EUROLASTIC Cleaner G. Fully cured material requires mechanical cleaning.
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Consumption	approx. 1,000 g/m ² The value mentioned above is based on practical experience. It can fluctuate upward and downward, since it is dependent on surface structure, roughness, application method used, substrate absorbency, etc. The density is approximately 1.33 kg/l at 20°C incl. hardener
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Packaging	EUROREPAIR HG 96 is delivered in 0.9 kg and 2.25 kg containers. <u>Do not divide containers!</u>
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Storage and shelf life	Store in a cool, dry place (+10°C to +25°C). Under these conditions, the shelf life of unopened and undamaged original containers is 12 months.
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Special instructions/protective measures

Suitable protective clothing must be worn when working. Irritates the eyes and skin, sensitisation possible from skin contact. In the event of skin contact, immediately wash off with soap and water. In the event of eye contact, immediately flush with water and seek medical attention. Wear suitable protective gloves and safety glasses/face protection when working. Waste and containers must be disposed of in a safe manner. Avoid release into the environment. Completely empty containers can be returned to the KBS/Interseroh circulatory system.

The instructions in the corresponding safety data sheet must be strictly adhered to.

Curing speeds

Matched to the EUROREPAIR PC 96 system, which is available in four curing speeds, the **EUROREPAIR HG 96** primer is also available in four curing speeds and should be used accordingly.

- EUROREPAIR HG 96 *slow*
- EUROREPAIR HG 96 *normal*
- EUROREPAIR HG 96 *fast*
- EUROREPAIR HG 96 *super fast (special application)*

You can find the system-specific curing speeds in connection with mortar installation in the EUROREPAIR PC 96 technical bulletin

Technical data*		
Properties	Unit	Value
Mixture ratio A : B	g	175: 50
Specific weight: at 20°C	g/cm ³	1.33
Lower application temperature	°C	+5
Pot life 23 °C with normal hardener	hrs	0.15

* These are approximate values. The values are not intended for the preparation of specifications.



Handling and object temperature**			
	mind	empfohlen	max
Hardener slow	10°C	20°C	40°C
Hardener normal	8°C	15°C	40°C
Hardener fast	5°C	5°C	30°C
Hardener super fast	3°C	3°C	20°C

Processing time**						
	3°C	5°C	15°C	20°C	30°C	40°C
Hardener slow	-	-	45 min	30 min	15 min	10 min
Hardener normal	-	-	30 min	20 min	10 min	7,5 min
Hardener fast	-	30 min	20 min	10 min	7,5 min	-
Hardener super fast	20 min	15 min	10 min	7,5 min	-	-

**The data was determined at the relevant temperatures and 50% relative humidity. These times may be longer or shorter at higher temperatures and/or relative humidities. All technical data, measurements and information in this data sheet are based on laboratory tests. Actual measured data may deviate in practice.

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