



EUROREPAIR HG 50

2-component epoxy resin primer

Product description **EUROREPAIR HG 50** is a component of the EUROREPAIR PC 50 mortar system.
EUROREPAIR HG 50 improves the adhesion between concrete and subsequent layers of reactive, solvent-free synthetic resins, synthetic resin mortars or repair compounds.
EUROREPAIR HG 50 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 combined with suspending agents and fine quartz sand
- primer for EUROREPAIR PC 50 epoxy resin mortar.
EUROREPAIR HG 50 adheres firmly to broken or roughened surfaces, is unaffected by the alkalinity of fresh concrete mortar and rapid binders, which is why it can also be used as a bonding bridge between old and fresh cement concrete.

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

Colour Beige

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 out over a large area.
To achieve the best possible adhesion, compressed air blasting with hard blasting media is required.



Handling

As a basic principle, repair locations to be re-profiled with the EUROREPAIR PC 50 system must be pre-treated with **EUROREPAIR HG 50**.

Only mix a complete container unit; do not divide the container!

Thoroughly mix component A and component B in accordance with the stated mixture ratio (using a slow-running stirrer with a spiral or cross blade). Make sure the sides and bottom 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 50** is applied generously to the surface and thoroughly brushed in. Subsequent layers must be applied to the uncured primer (wet on wet). Primer that has already cured must be removed from the substrate before further reworking.

Minimum processing temperature:

No less than +5°C and 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 for subsequent use under any circumstances.

Cleaning

Fresh material can be removed from the tools with EUROLASTIC Cleaner G. Mechanical cleaning will be required if the material has fully cured.

Consumption

approx. 1,000 g/m²

The value mentioned above is based on practical experience. This can be more or less and depends on the surface structure, roughness, method of application, substrate absorbency, etc.

The density is approximately 1.5 kg/l at 20°C incl. hardener

Packaging

EUROREPAIR HG 50 is delivered in 1 kg bags and 2 or 4 kg containers.

Do not divide containers!



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.

Special instructions/protective measures

Suitable protective clothing must be worn when working. Irritates the eyes and skin, skin contact can cause allergic reaction. 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 recycling system.

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

Curing speeds

The **EUROREPAIR HG 50** primer is compatible with the EUROREPAIR PC 50 system and is likewise also available in three curing speeds and should therefore be used accordingly.

- EUROREPAIR HG 50 *normal*
- EUROREPAIR HG 50 *fast*
- EUROREPAIR HG 50 *super fast (special application)*

Technical data*		
Properties	Unit	Value
Mixture ratio A: B	g	83 :17
Specific weight: at 20°C	g/cm ³	1.5
Solid content	%	98 ± 2 weight %

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



Handling and object temperature**			
	At least	Recommended	Max.
Normal hardener	15°C	20°C	35°C
Fast hardener	5°C	15°C	25°C
Super fast hardener	3°C	5°C	20°C

Processing time**						
	3°C	5°C	15°C	20°C	30°C	40°C
Normal hardener	-	-	35 min	30 min	15 min	-
Fast hardener	-	25 min	20 min	15 min	-	-
Super fast hardener	20 min	15 min	10 min	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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