



EUROREPAIR HG 96 WHG

2-component epoxy resin primer for the approved EUROREPAIR PC 96 WHG concrete repair system

Product description

EUROREPAIR HG 96 WHG is a component of the approved **EUROREPAIR PC 96 WHG** PC mortar system.

EUROREPAIR HG 96 WHG improves the adhesion between concrete and subsequent layers of reactive, solvent-free synthetic resins, synthetic resin mortars or repair compounds.

EUROREPAIR HG 96 WHG 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 PC 96 WHG

Product characteristics

- ageing-resistant
- high mechanical strength
- pre-measured and solvent-free
- resists oils, diluted acids, 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

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 WHG** is applied generously to the surface with a brush 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.

Cleaning

Fresh material can be removed from the tools with EUROLASTIC Cleaner G. Fully cured material requires mechanical cleaning.

Consumption

approx. 1,000 g/m²

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

Packaging

EUROREPAIR HG 96 WHG is delivered in 0.9 kg and 2.25 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.



**Tests/
Approvals/Standards** Component of the technical approval
for use in storage, filling and handling facilities for water-
polluting substances:
No. Z-74.12-94

**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.

Technical data*		
Properties	Unit	Value
Mixture ratio A : B	g	175: 50
Specific weight: at 20°C	g/cm ³	1.33

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



Handling and object temperature**		
mind	empfohlen	max
8°C	15°C	30°C

Processing time**						
	3°C	5°C	15°C	20°C	30°C	40°C
	-	-	30 min	20 min	10 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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