



## EUROREPAIR PC 96

high strength, wear-resistant, 2-component epoxy resin mortar for concrete repair



- Mortar: EUROREPAIR PC 96
- Primer: EUROREPAIR HG 96

### Product description

**EUROREPAIR PC 96** is a solvent-free, 2-component epoxy resin mortar. The mortar is highly filled and pigmented. It is distinguished by easy handling and fast curing.

### Area of application

- for indoor and outdoor use, road traffic areas, production and storage areas
- for repair of damage to concrete surfaces, especially repair of joint edges, broken corners, re-profiling
- priority use on highly stressed concrete traffic areas such as motorways, industrial hall floors and aircraft movement areas

### Product characteristics

- ageing-resistant
- high mechanical strength
- pre-measured, solvent-free and pigmented in accordance with the concrete colour
- resists oils, diluted acids, alkaline solutions, saline solutions and various solvents

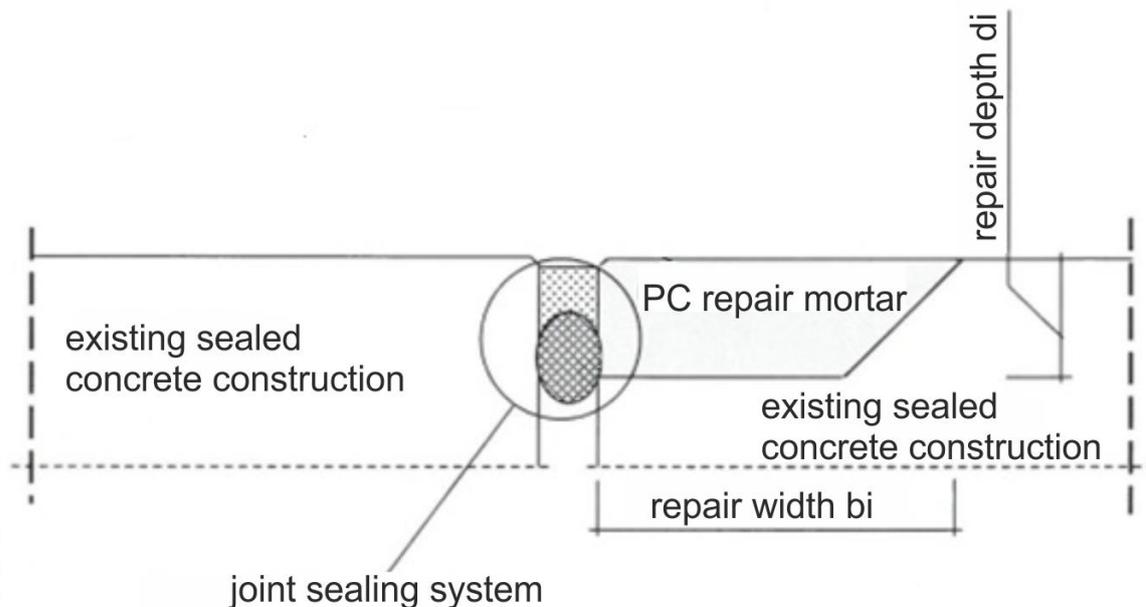
Important: The **EUROREPAIR PC 96** system is available in the following curing speeds:

- EUROREPAIR PC 96 *slow*
- EUROREPAIR PC 96 *normal*



-EUROREPAIR PC 96 *fast*  
 -EUROREPAIR PC 96 *super fast (special application)*  
 An initial consultation by our applications technician is recommended when selecting the reaction speed.

<b>Colours</b>	concrete grey, special colours upon request
<b>Substrate preparation</b>	The bonding surfaces must be clean, dry, free of oil, grease and loose material. Suitable procedures for substrate pre-treatment are: chiselling, milling, granulate or high-pressure water blasting.
<b>Primer</b>	Repair locations to be re-profiled with the <b>EUROREPAIR PC 96</b> system must always be pre-treated with EUROREPAIR HG 96.
<b>Handling</b>	Combine component A and component B and immediately mix intensively for at least 3 minutes with a compulsory mixer. Do not thin! <i>(no addition of quartz sand/gravel or other filler materials)</i> After mixing with hand-held mixing devices, transfer to another pot, mix again and apply with a trowel. The bonding surfaces must be primed with EUROREPAIR HG 96. Apply the mortar "wet on wet" to the primer.





Installation Geometry			
Component	Length	Width bi	Depth di
Area	7500 mm	250 mm Diameter: 1000 mm	Mind.: 25 mm Max: 40 mm
Edge	7500 mm	250 mm	Mind.: 25 mm Max: 250 mm

<b>Cleaning</b>	Fresh material can be removed from the tools with EUROLASTIC Cleaner G. Fully cured material requires mechanical cleaning.
<b>Consumption</b>	approx. 2.14 kg per litre of installation volume
<b>Packaging</b>	<b>EUROREPAIR PC 96</b> is delivered in 10 kg and 40 kg containers. <u>Do not divide containers!</u>
<b>Storage and shelf life</b>	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.
<b>Tests/ Approvals/Standards</b>	Tested according to MEB
<b>Special instructions/protective measures</b>	<p>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.</p> <p>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.</p> <p>The instructions in the corresponding safety data sheet must be strictly adhered to.</p>



## Technical data\*

Property	Unit	Value
Material basis		Epoxy resin
Mixture ratio A:B	g	1,000: 33
Specific weight	g/cm <sup>3</sup>	2.14
Curing shrinkage	%	under 0.1

## Values after curing for 7 days\*

Compressive strength	N/mm <sup>2</sup>	approx. 96
Flexural strength	N/mm <sup>2</sup>	approx. 32
Modulus of elasticity	N/mm <sup>2</sup>	28000

\* 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	-	-	1 Std	45 min	30 min	10 min
Hardener normal	-	-	45 min	30 min	10 min	7,5 min
Hardener fast	-	45 min	30 min	10 min	7,5 min	-
Hardener super fast	20 min	15 min	10 min	7,5 min	-	-

## Traffic-ready after\*\*

	3°C	5°C	15°C	20°C	30°C	40°C
Hardener slow	-	-	20 Std	12 Std	10 Std	8 Std
Hardener normal	-	-	8 Std	6 Std	4 Std	3 Std
Hardener fast	-	8 Std	4 Std	2 Std	1,5 Std	-
Hardener super fast	1 Std	45 min	30 min	20 min	-	-



Cured and traffic-ready after**						
	3°C	5°C	15°C	20°C	30°C	40°C
Hardener slow	-	-	30 Std	16 Std	14 Std	12 Std
Hardener normal	-	-	12 Std	8 Std	7 Std	6 Std
Hardener fast	-	18 Std	6 Std	3 Std	2,5 Std	-
Hardener super fast	2 Std	1 Std	30 min	20 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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