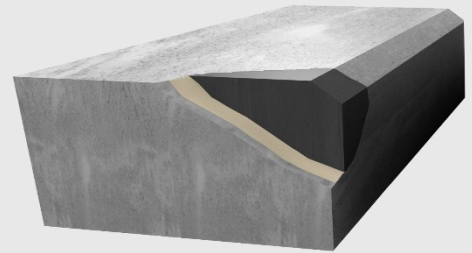




EUROTEAM

EUROREPAIR PC 96

Highly durable, wear-resistant 2-component
Epoxy resin mortar for concrete repair



PRODUCT DESCRIPTION	EUROREPAIR PC 96 is a solvent-free, two-component epoxy resin mortar. The mortar is highly filled and pigmented. It is characterized by easy application, rapid curing, and very high compressive strength.
SCOPE	<ul style="list-style-type: none">- for indoor and outdoor use,- for transport routes, production and storage areas- for repairing damage to concrete surfaces, especially for Repair of joint edges, corner breaks, reprofiling- deployment on heavily trafficked areas Concrete such as: Highways, industrial hall floors and airport operating areas <ul style="list-style-type: none">- Use in the agricultural sector, e.g., silos/drive-over silos, manure slabs/ Solid manure storage facilities, stables and JGS facilities.
PRODUCT FEATURES	<ul style="list-style-type: none">- age-resistant- mechanically highly resilient- very good modeling and smoothing properties- Excellent adhesion to mineral substrates- free of water and cement, this results in very low shrinkage and stress-free curing.- pre-assembled, solvent-free and pigmented to match the concrete color Resistant to oils, dilute acids, alkalis, salt solutions and various solvents <u>Important:</u> The EUROREPAIR PC 96 system is available in the following curing speeds: <ul style="list-style-type: none">-EUROREPAIR PC 96 slow-EUROREPAIR PC 96 normal-EUROREPAIR PC 96 fast-EUROREPAIR PC 96 super fast (special application) When selecting the reaction rate, we recommend an initial consultation with our application engineer.
COLORS	Concrete grey, special colors available on request



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<p>SUBSTRATE PREPARATION</p>	<p>The bonding surfaces must be clean, dry, free of dust, oil and grease, and free of loose parts. Suitable methods for substrate preparation include: chiseling, milling and granular blasting.</p>																				
<p>PRIMER</p>	<p>Repair centers that use the EUROREPAIR PC 96 system Reprofiled areas should generally be pretreated with EUROREPAIR HG 96.</p>																				
<p>PROCESSING</p>	<p>Combine component A and component B and immediately mix intensively for at least 3 minutes using a double mixer /forced-action mixer. Do not reduce the consistency! (Do not add quartz sand/pebbles or other fillers.) After mixing, always transfer the mixture to a different container, mix again, and apply with a trowel. Prime the bonding surfaces with EUROREPAIR HG 96. The mortar and primer must be applied "wet-on-wet."</p>																				
	<div data-bbox="512 952 1490 1444" data-label="Diagram"> </div> <div data-bbox="520 1491 1485 1742" data-label="Table"> <table border="1"> <thead> <tr> <th colspan="4">Installation geometry</th> </tr> <tr> <th>component</th> <th>length</th> <th>Width</th> <th>depth</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Area</td> <td>7500 mm</td> <td>250 mm</td> <td>Minimum: 25 mm</td> </tr> <tr> <td>Diameter:</td> <td>1000 mm</td> <td>Max: 40 mm</td> </tr> <tr> <td rowspan="2">edge</td> <td rowspan="2">7500 mm</td> <td rowspan="2">250 mm</td> <td>Minimum: 25 mm</td> </tr> <tr> <td>Max: 250 mm</td> </tr> </tbody> </table> </div>	Installation geometry				component	length	Width	depth	Area	7500 mm	250 mm	Minimum: 25 mm	Diameter:	1000 mm	Max: 40 mm	edge	7500 mm	250 mm	Minimum: 25 mm	Max: 250 mm
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<p>CLEANING</p>	<p>The tools can be cleaned with EUROLASTIC Cleaner G from Fresh material can be cleaned. Once reacted, it can only be cleaned mechanically.</p>																				



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CONSUMPTION	approx. 2.14 kg per liter of installation volume
PACKAGING	EUROREPAIR PC 96 is supplied in 10 kg and 40 kg containers. Do not share the container!
STORAGE AND SHELF LIFE	Store in a cool, dry place (+10°C to +25°C). Under these conditions, the shelf life in the unopened and undamaged original container is 12 months.
EXAMS/ APPROVALS/STANDARDS	- ZTV-BEB

TECHNICAL DATA *

TECHNICAL SPECIFICATIONS	UNIT	VALUE
Material basis		epoxy resin
Mixing ratio A:B	G	1000 : 33
Specific gravity:	g/cm ³	2.14
Hardening shrinkage:	%	below 0.1
Values after 7-day curing*		
Compressive strength:	N/mm ²	approx. 95.2
Flexural strength:	N/mm ²	approximately 32
E-module	N/mm ²	28000

* These figures are guidelines only. They are not intended for creating specifications.

Processing and object temperature**			
	mind	recommended	max
Harder slowly	10°C	20°C	40°C
Harder normal	8°C	15°C	40°C
Harder, faster	5°C	5°C	30°C
Harder, super-fast	3°C	3°C	20°C



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Processing time**						
	3°C	5°C	15°C	20°C	30°C	40°C
Harder slowly	-	-	1 hour	45 min	30 min	10 min
Harder normal	-	-	45 min	30 min	10 min	7.5 min
Harder, faster	-	45 min	30 min	10 min	7.5 min	-
Harder, super-fast	20 min	15 min	10 min	7.5 min	-	-

accessible after**						
	3°C	5°C	15°C	20°C	30°C	40°C
Harder slowly	-	-	20 hours	12 hours	10 hours	8 hours
Harder normal	-	-	8 hours	6 hours	4 hours	3 hours
Harder, faster	-	8 hours	4 hours	2 hours	1.5 hours	-
Harder, super-fast	1 hour	45 min	30 min	20 min	-	-

Driveable and cured after**						
	3°C	5°C	15°C	20°C	30°C	40°C
Harder slowly	-	-	30 hours	16 hours	14 hours	12 hours
Harder normal	-	-	12 hours	8 hours	7 hours	6 hours
Harder, faster	-	18 hours	6 hours	3 hours	2.5 hours	-
Harder, super-fast	2 hours	1 hour	45 min	30 min	-	-

The data were obtained at +23°C and 50% relative humidity. Higher temperatures and/or higher relative humidity may shorten or lengthen these times. All technical data, dimensions, and information in this datasheet are based on laboratory tests. Actual measured data may differ in practice.

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