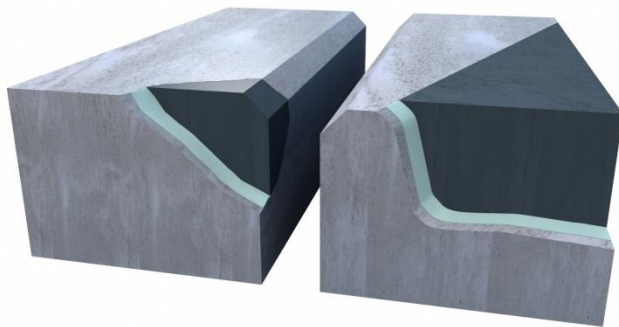


EUROREPAIR PC 50

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



- Mortar: EUROREPAIR PC 50
- Primer: EUROREPAIR HG 50

Product description

EUROREPAIR PC 50 is a solvent-free, 2-component epoxy resin mortar. The mortar is highly filled and pigmented. It is easy to process and fast curing.

Area of application

- for indoor and outdoor use, road construction, production and storage areas
- for repairing damage to concrete surfaces, especially joint edges, broken corners, re-profiling
- concrete traffic surfaces such as: motorways, industrial hall floors and aircraft movement areas

Product characteristics

- ageing-resistant
- flexibilised
- pre-measured, solvent-free and pigmented to match existing concrete colour
- resists oils, diluted acids, alkaline solutions, saline solutions and various solvents

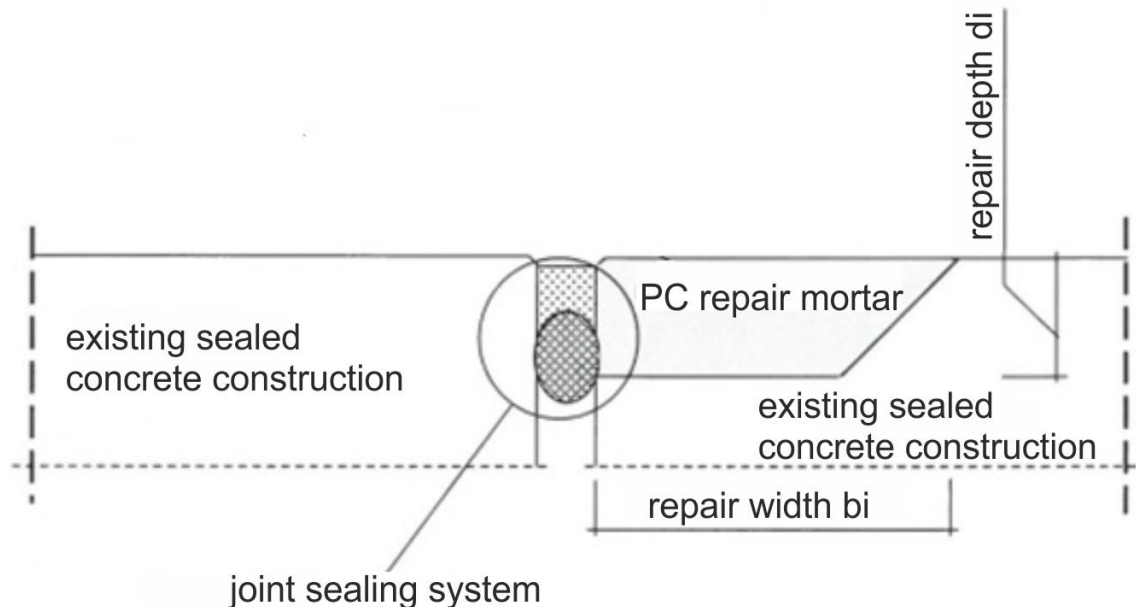
Important: The **EUROREPAIR PC 50** system is available in the following curing speeds:

- EUROREPAIR PC 50 *normal*
- EUROREPAIR PC 50 *fast*

-EUROREPAIR PC 50 *super fast*

An initial consultation with our applications technician is recommended when selecting the reaction speed.

Colours	Concrete grey
Substrate preparation	The bonding surfaces must be clean, dry, free of oil, grease and loose material. Suitable procedures for substrate pre-treatment are: chiselling, milling, blasting with granular material or high-pressure water.
Primer	Repair locations to be re-profiled with the EUROREPAIR PC 50 system must be pre-treated with EUROREPAIR HG 50 as a basic principle.
Handling	Combine component A and component B and immediately mix intensively for at least 3 minutes with a forced action mixer. 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 50. 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

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. 2.0 kg per litre of placement volume
	<p>Thinning For increased installation depth, such as large damaged areas, EUROREPAIR PC 50 can be thinned as follows:</p> <p>EUROREPAIR PC 50 incl. hardener: 20.0 kg, 25.0 kg (sack) Quartz sand 1.4-4.0 mm 7.5 kg , 9.4 kg or EUROREPAIR PC 50 incl. hardener: 20.0 kg, 25.0 kg (sack) Quartz sand 0.7-1.2 mm 10.0 kg , 12.5 kg</p>
Packaging	EUROREPAIR PC 50 is delivered in 8 kg and 40 kg containers. <u>Do not divide containers!</u>
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	fulfils the requirements of TL/TP BEB RH
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.



Technical data*		
Properties	Unit	Value
Mixture ratio A: B	g	96: 4
Specific weight	g/cm ³	2.0
Solid content	Weight in	98 ± 2
Values after curing for 7 days	Unit	Value
Compression strength	N/mm ²	approx. 50
Flexural strength	N/mm ²	approx. 23.0
Adhesive tensile strength	N/mm ²	> 2.0

* 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	-	-	50 min	45 min	20 min	-
Fast hardener	-	50 min	45 min	20 min	-	-
Super fast hardener	25 min	20 min	15 min	10 min	-	-

Traffic-ready after ...min.**						
	3°C	5°C	15°C	20°C	30°C	40°C
Normal hardener	-	-	36 Std	18 Std	12 Std	-
Fast hardener	-	36 Std	24 Std	12 Std	-	-
Super fast hardener	36 Std	24 Std	8 Std	4 Std	-	-

Cured and traffic-ready after ... min.**						
	3°C	5°C	15°C	20°C	30°C	40°C
Normal hardener	-	-	6 d	5 d	3 d	-
Fast hardener	-	6 d	5 d	4 d	-	-
Super fast hardener	6 d	5 d	4 d	3 d	-	-

** 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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