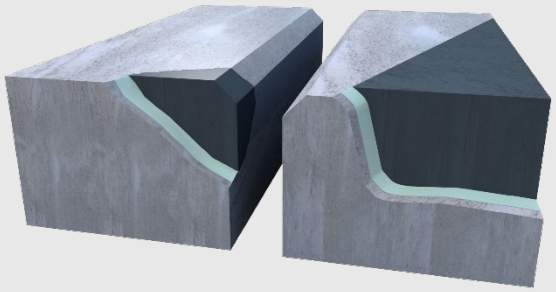
TACTICAL
SUPPLY PAKISTAN

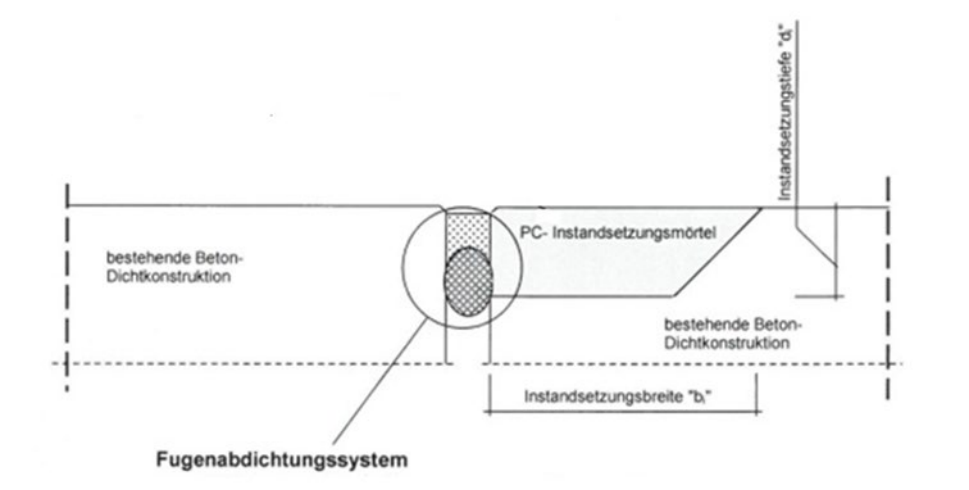
EUROREPAIR PC 96

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



PRODUCT DESCRIPTION	EUROREPAIR PC 96 is a solvent-free 2-component epoxy resin mortar. The mortar is highly filled and pigmented. It is characterised by easy application and fast curing.
AREA OF APPLICATION	- for indoor and outdoor use, - for traffic routes, production and storage areas - for the repair of damage to concrete surfaces, especially for Repair of joint edges, corner break-offs, reprofiling - Priority use on highly frequented traffic areas from Concrete such as: Motorways, industrial hall floors and aircraft movement areas - Use in the agricultural sector, e.g. silos/driving silos, manure plates/ Solid manure facilities, stables and JGS facilities.
PRODUCT FEATURES	- Resistant to ageing - Mechanically highly resilient - Very good modelling and smoothing properties - Excellent adhesion to mineral substrates - Free from water and cement - ready-made, solvent-free and in accordance with the Concrete colour pigmented - Resistant to oils, diluted acids, alkalis, salt 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) When selecting the reaction speed, initial consultation with our application engineer is recommended.

COLOURS	Concrete grey, special colours on request
SUBSTRATE PREPARATION	The bonding surfaces must be clean, dry, free of dust, oil and grease and free of loose parts. Suitable methods for substrate preparation are: Chiselling, milling and granulate blasting.
ADVANCE	Repair centres that are equipped with the EUROREPAIR PC 96 are to be reprofiled must always be pretreated with EUROREPAIR HG 96.
PROCESSING	Combine component A and component B and mix immediately with a compulsory mixer for at least 3 minutes. Mix intensively. Do not lean! (no addition of quartz sand/pebbles or other fillers) After mixing, stir with a hand mixer, mix again and apply with a trowel. The bonding surfaces must be pre-coated with EUROREPAIR HG 96. Apply the mortar with the primer "wet on wet".



Installation geometry			
Component	Length	Width	Depth
Surface 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

CLEANING	The tools can be cleaned with EUROLASTIC Cleaner G from cleaned with fresh material. They can only be cleaned mechanically once they have reacted.
CONSUMPTION	approx. 2.14 kg per litre installation volume
PACKAGING	EUROREPAIR PC 96 is supplied in 10 kg and 40 kg containers. Do not split the container!
STORAGE AND SHELF LIFE	Store under cool and dry conditions (+10°C to +25°C). The shelf life in the unopened and undamaged original container under these conditions is 12 months.
EXAMINATIONS/ APPROVALS/STANDARDS	Tested according to MEB

TECHNICAL DATA *

TECHNICAL PROPERTIES	UNIT	VALUE
Material base		Epoxy resin
Mixing ratio A:B	g	1000 : 33
Specific weight:	g/cm^3	2,14
Curing shrinkage:	%	less than 0.1
Values after 7-day curing*		
Compressive strength:	N/mm^2	approx. 96
Bending tensile strength:	N/mm^2	approx. 32
E-modulus	N/mm^2	28000

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

Processing and object temperature**			
	mind	recommended	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 hour	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	-	-

accessible after**						
	3°C	5°C	15°C	20°C	30°C	40°C
Hardener slow	-	-	20 hours	12 hours	10 hours	8 hours
Hardener normal	-	-	8 hours	6 hours	4 hours	3 hours
Hardener fast	-	8 hours	4 hours	2 hours	1.5 hrs	-
Hardener super fast	1 hour	45 min	30 min	20 min	-	-

Can be driven over and cured after**						
	3°C	5°C	15°C	20°C	30°C	40°C
Hardener slow	-	-	30 hrs	16 hours	14 hours	12 hours
Hardener normal	-	-	12 hours	8 hours	7 hours	6 hours
Hardener fast	-	18 hrs	6 hours	3 hours	2.5 hours	-
Hardener super fast	2 hours	1 hour	45 min	30 min	-	-

The data was determined at +23°C and 50% relative humidity. Higher temperatures and/or higher relative humidity can shorten or lengthen these times. All technical data, dimensions and specifications in this data sheet are based on laboratory tests. Actual measured data may deviate in practice.