



PC 2K 75

- Repair Mortar EP 2 K -

Two-component, solvent-free, heavy-duty epoxy resin mortar

Availability	
Quantity per pallet	75
Size / Quantity	
Type of container	Tin bucket
Container code	05
Art. no.	
0943	■

Application rate Approx. 1.7 kg/m²/mm coating thickness



Range of use

- Rapid repair of interior and exterior concrete surfaces
- Construction of machinery bases
- Bedding mortar for machines

Property profile

- High mechanical load capacity
- Compressive strength > 75 N/mm²
- Flexural strength > 17.5 N/mm²
- Rapid hardening without shrinkage

Characteristic data of the product

■ On delivery	Component A	Component B	Mixture
	Density (20 °C)	1.76 g/cm ³	0.87 g/cm ³
	Viscosity (25 °C)	approx. 10 mPa s	
■ Once fully cured	Flexural tensile strength	> 17 N/mm ²	
	Compressive strength	> 75 N/mm ²	

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

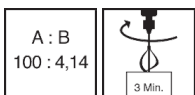
Possible system products

- [PC Primer 2K \(0900\)](#)
- [PC S-PROTECT 2K \(0920\)](#)

Preparation

- Substrate requirements
The substrate must be load-bearing, dimensionally stable, solid, free of loose parts, dust, oils, grease, rubber marks and any other substances that could interfere with adhesion. It must be primed so as to remove all surface pores.
- Substrate preparation
Incorporate wet-on-wet into the bonding layer.

Production of the mixture



- Combi-container
Add the entire quantity of the hardener (component B) to the base compound (component A). Mix thoroughly with a slow-speed electric mixer (approx. 300 - 400 rpm). Mix for at least 3 minutes. Insufficient mixing is indicated by streaks forming.

Mixing ratio (A : B)	100 : 4.14 parts by weight
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As soon as the mixture is ready to use, apply all of it to the prepared surface and spread it using a suitable tool.

Directions

For professional users only!



- Working time (+20 °C)
Approx. 70 minutes

As a general principle, higher temperatures will reduce and lower temperatures will increase the times stated.

Application examples

- Synthetic resin mortar
Prime the bonding surfaces. Then, while the primer is still wet, apply the mixed mortar to it, compact and smooth.

Application rate	Approx. 1.7 kg/m ² per mm coating thickness
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Notes

Unless otherwise specified, all of the values and application rates given above have been determined under laboratory conditions (20 °C). Slight deviations from these values may arise if the product is worked with on site. Only for use on small surface areas!
Epoxy resins are generally not colourfast when exposed to UV light or weather.
Further notes on working, system construction and maintenance of the listed products can be found in the latest Technical Data Sheets and the Remmers system recommendations.

Tools / Cleaning

Smoothing trowel, scraper, stainless steel float, plasterer's float, suitable mixing equipment



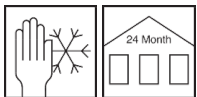
More detailed information can be found in the Remmers Tool Programme.
Clean tools, equipment and splashed material immediately while fresh with V 101 Thinner.
Take suitable protective and waste disposal measures when cleaning.

Remmers tools

- [Smoothing Trowel \(4004\)](#)
- [Glättkelle \(4117\)](#)
- [Smoothing Trowel Duo \(4118\)](#)
- [Collomix® Stirrer KR \(4292\)](#)

Storage / Shelf life

If stored unopened in its original container in a cool, dry place and protected against frost, the product will keep for at least 24 months.



Safety data / Regulations

For professional users only!

For further information on the safety aspects of transporting, storing and handling the product and on disposal and environmental matters, please see the current Safety Data Sheet and the brochure entitled "Epoxy Resins in the Construction Industry and the Environment", issued by Deutsche Bauchemie e.V. (2nd edition 2009).

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

VOC content as per the "Decopaint" Directive (2004/42/EC)

EU limit value for the product (Cat. A/j): max. 500 g/l (2010).
This product contains < 500 g/l VOC.

Declaration of performance

- [Declaration of performance](#)



Declaration of conformity



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GBIII 018_5

EN 1504-3:2005

0943

Product for non structural repair for concrete

Compressive strength:	Class R2
Chloride ion content:	≤ 0.05 %
Adhesive bond:	≥ 0.8 MPa
Restrained shrinkage/expansion:	≥ 0.8 MPa

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

be binding, even though it is provided to the best of our knowledge. In all other respects, our general terms and conditions of sale and delivery shall apply.

When a new version of this Technical Data Sheet is published, it shall replace the previous version.