



## PC Primer 2K

### - Bonding Layer EP 2K -

Solvent-free, 2-component epoxy resin

Availability		
Quantity per pallet	240	200
Size / Quantity	12 x 0,4 kg	10 x 1 kg
Container code	84	01
Art. no.		
0900	■	■

Range of use ■ For the production of bonding layers when repairing concrete

Property profile ■ Adhesion promoter  
 ■ Solvent-free  
 ■ Unpigmented  
 ■ Liquid  
 ■ Two-component

Characteristic data of the product

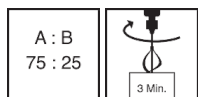
	Component A	Component B	Mixture
Density (20 °C)	1.12 g/cm <sup>3</sup>	1.03 g/cm <sup>3</sup>	1.10 g/cm <sup>3</sup>
Viscosity (25 °C)	870 mPa s	200 mPa s	600 mPa s
Once fully cured			
Flexural tensile strength	> 46 N/mm <sup>2</sup>		
Compressive strength	> 55 N/mm <sup>2</sup>		

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

Possible system products  
 > PC 2K 75 (0943)  
 > PC 2K 45 (0941)

Preparation ■ Substrate requirements  
 The substrate must be firm, dimensionally stable, capable of bearing loads and free of loose constituents, dust, oil, grease, rubber marks and other substances that could interfere with adhesion.  
 The tensile strength of the surface of the substrate must be at least 1.5 N/mm<sup>2</sup> on average (smallest individual value of at least 1.0 N/mm<sup>2</sup>), and the compressive strength must be at least 25 N/mm<sup>2</sup>.

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).  
 Pour the mixture into a separate container and mix again thoroughly.  
 Mix for at least 3 minutes.  
 Insufficient mixing is indicated by streaks forming.

**Mixing ratio (A : B)** 75 : 25 parts by weight

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. 25 minutes (batch size 1 kg)



As a general principle, higher temperatures will reduce and lower temperatures will increase the times stated. All follow-up working steps must be carried out wet-on-wet.

**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!  
Primers must always be applied so that all pores are filled; it may therefore be necessary to increase the application rate or to apply a second coat.  
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**



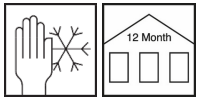
Brush, suitable mixing apparatus

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

- Collomix AR 170 (4247)
- Rollerbügel (4449)
- Flächenstreicher (4540)
- Epoxy Roller (5045)
- Nylon Roller Standard (5066)
- Heizkörperpinsel (4541)

**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 12 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).

**Personal protective equipment**

This information can be obtained from the current Safety Data Sheets and/or the relevant professional associations.

**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 013\_3

EN 1504-3:2005

0900

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.