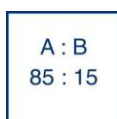


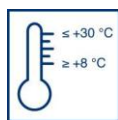
Technical Data Sheet
Art. No. 6001 - 6009

Epoxy BS 2000 New

Pigmented, water emulsifiable epoxy resin for versatile use



Mixing ratio
2-components



Working
temperature



Mixing time



Apply by brush
/roller



Pot-life



Frost-free



Shelf-life

Range of use

Remmers Epoxy BS 2000 New is used as a primer or adhesion promoter in the Remmers Water Vapour Diffusion-Open System:

Application examples:

- Warehouses
- Garages
- Parking garages

Property profile

Epoxy BS 2000 New is a pigmented, 2-component, water emulsifiable, epoxy resin primer:

- Silk matt
- Low odour
- Water vapour diffusion-open
- Resistant to alternating frost/thaw cycles

Colours:

Pebble grey, approx. RAL 7032
Art. No. 6001

Silver grey, approx. RAL 7001
Art. No. 6002

Light grey, approx. RAL 7035
Art. No. 6005

Stone grey approx. RAL 7030
Art. No. 6006

Characteristic data of the product

	Comp. A	Comp. B	Mixture
Density (25 °C):	1.5 g/cm ³	1.1 g/cm ³	1.4 g/cm ³
Viscosity (25 °C):	2000 mPa·s	200 mPa·s	800 mPa·s
Colour:	Pigmented	Transparent	pigmented
Solid content:	55 % by mass		

Basalt grey, approx. RAL 7012
Art. No. 6009

Substrate

The substrate must be load-bearing, dimensionally stable, sound, free of loose constituents, dust, oil, grease, rubber tyre marks and other substances that could interfere with adhesion. Tensile strength of the surface of the substrate must be 1.5 N/mm² on average and compressive strength at least 25 N/mm².

The substrate should have sufficiently reacted and be load-bearing:

- Concrete max. 6 % by mass
- Cement screed max. 6% by mass

In the case of anhydrite and magnesite screeds, it is essential that

the penetration of moisture from building elements or the ground is ruled out.

Examine ceramic covers, old coatings, levelling compounds and interior poured asphalt (AS IC 10) for coating suitability. If necessary, set up trial areas.

Substrate preparation

The substrate should be prepared by suitable measures, e.g. steel shot blasting or a diamond grinder so that it meets specifications. Fill broken out or missing areas in the substrate with the Remmers PCC System or Remmers EP Mortars flush with the surface.

Production

Add the entire quantity of the hardener (Comp. B) to the basic compound (Comp. A), mix with a slow speed, electric mixer (approx.

300 - 400 rpm), then pour into a separate container and mix again thoroughly.

Directly after mixing, pour the ready to use mix onto the prepared substrate and distribute with suitable tools.

Mixing ratio

85 : 15 parts by weight (coloured)

Working time

At 20 °C and 60 % relative humidity approx. 60 minutes. High temperatures reduce, low temperatures increase pot-life.

Notes on working

Use suitable protective equipment when working (see also Personal protective equipment).

Application method

As a rule, Epoxy BS 2000 New is distributed over the prepared surface with a squeegee, worked into the substrate with an epoxy roller and then re-rolled. Epoxy BS 2000 New can be diluted with up to 10 % water for highly absorbent substrates.

Waiting time

The waiting time between working operations should be at least 12 hours but max. 48 hours at 20°C. If waiting times are longer, the surface of the last working operation must be sanded and primed again.

The times given are reduced at higher temperatures and increased at lower temperatures. Ensure good ventilation during the drying phase to allow evaporating water to be led off. Uneven application as well as insufficient ventilation may lead to differences in the degree of gloss on the surface.

Working temperature:

The temperature of the material, air and substrate should be at least 8 °C, max. 30 °C. Relative humidity should not exceed 80%. The temperature of the substrate should be at least 3 °C above the dew point temperature.

Drying time

At 20 °C and 60 % relative humidity: Foot traffic after 1 day, mechanical loads after 3 days, full loading capacity after 7 days. Cor-

respondingly longer at lower temperatures.

Special notes

All of the values and application rates given were determined under laboratory conditions (20 °C) with standard shades of colour. When worked at the building site, these values may deviate slightly.

Abrasive mechanical loads cause wear marks on the surface of the coating.

For technical reasons during production, there may be slight differences in the colour of different batches. Use only materials with the same batch number for continuous surfaces.

Epoxy resins are not colourfast in general when exposed to UV-light and weather.

Further notes on working, system construction and maintenance of the listed products are found in the latest Technical Data Sheets as well as in Remmers system recommendations.

Tools, cleaning

Brush, rubber wiper, epoxy roller, mixer.

Clean tools and any splashed material immediately while fresh with water.

When cleaning, make sure that suitable protective measures are taken (see also Personal protective equipment).

Personal protective equipment

Suitable nitrile gloves (e.g. Tricotril made by KCL), protective glasses, splash protection, long sleeved shirt or arm protectors.

When spraying material in a spraying consistence, further protective equipment is required (respiratory filter). See Safety Data Sheet for information.

Packaging, application rate, shelf-life

Packaging:

Tin container:

1 kg, 5 kg, 10 kg; 25 kg on request

Application rate:

The application rate depends on the state of the substrate and is approx. 0.15 - 0.20 kg/m².

Shelf-life:

At least 9 months in closed and unmixed, original containers, stored frost-free.

Safety, ecology, disposal

Further information on safety when transporting, storing and handling as well as disposal and ecology is found in the latest Safety Data Sheet and the brochure "Epoxy Resins in the Building Industry and the Environment" published by Deutsche Bauchemie e.V. (2nd edition, 2009).

GISCODE: RE 2

VOC content:

EU limit value for the product (Cat. A/j): max. 140 g/l (2010). This product contains < 140 g/l VOC

Emergency information:

Mon.- Thurs. from 7:30 a.m. to 4:00 p.m.; Fri. 7:30 a.m. to 2:00 p.m.

Product Safety Department:

Tel.: +49 (0)5432/83-138

After office hours:

Giftinformationszentrum-Nord (Poison Centre)

24 h hotline + 49(0)551 – 19240





Remmers GmbH
 Bernhard-Remmers-Straße 13
 D-49624 Lönningen

07

GBIII 008_5

EN 13813:2002

6001

Synthetic resin screed for use internally in buildings

Reaction to fire	E _{fl}
Release of corrosive substances	SR
Wear resistance	≤ AR1
Bond strength	≥ B1.5
Impact resistance	≥ IR4

The statements above are compiled from our field of production and according to the latest technological developments and application techniques.

Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet. Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid. With the publication of this Technical Information Sheet all previous editions are no longer valid.



Remmers (UK) Limited Crawley
 United Kingdom
 Tel: +44 (0) 1293 594 010
 Fax: +44 (0) 1293 594 037
www.remmers.co.uk