Epoxy BS 2000 NEW

Water-based, pigmented primer

Colour	Availability				
	Quantity per pallet	150			
	Size / Quantity	**1 kg**	**5 kg**	**10 kg**	**25 kg**
	Type of container	Tin bucket	Tin bucket	Tin bucket	Tin bucket
	Container code	01	06	11	26
	Art. no.				
light grey (approx. RAL 7035)	6012	■	■	■	■
pebble grey (approx. RAL 7032)	6013	■	■	■	■
silver grey (approx. RAL 7001)	6014	■	■	■	■
stone grey (approx. RAL 7030)	6015	■	■	■	■
basalt grey (approx. RAL 7012)	6016	■	■	■	■

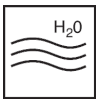
Application rate

See application examples

Range of use

- Primer in Remmers water vapour diffusion (WDD) systems
- Bonding layer on load-bearing, sanded old epoxy coatings and ceramic coverings
- Primer in DIBt approved systems for common rooms (general building inspectorate approval Z-156.605-1414)

Property profile



- Excellent adhesion on many substrates
- Water vapour diffusion capable
- Contains no plasticisers, nonylphenols or alkylphenols
- Physiologically harmless once fully cured

Characteristic data of the product

	Component A	Component B	Mixture
Density (20 °C)	1.41 g/cm³	1.15 g/cm³	1.35 g/cm³
Viscosity (25 °C)	620 mPa s	780 mPa s	1250 mPa s

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

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/mm² on average (smallest individual value of at least 1.0 N/mm²), and the compressive strength must be at least 25 N/mm².
Substrates must have reached their moisture balance and must also be protected against moisture penetration from the reverse side, including during use.

Concrete	max. 6 m% moisture
Cement screed	max. 6 m% moisture
Anhydrite screed	max. 0.3 m% moisture
Magnesite screed	2-4 m% moisture

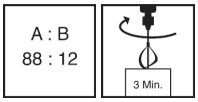
In the case of anhydrite and magnesite screeds, moisture cannot be permitted to penetrate from building elements or the ground.
As a general principle, systems which permit the diffusion of water vapour are recommended for use with anhydrite and magnesite screeds.

The suitability of the coating on ceramic coverings, old coatings, levelling compounds und interior mastic asphalts (AS-IC 10) must be checked beforehand, if needed trail surfaces must be set up.

- **Substrate preparation**

Prepare the substrate by suitable means, e.g. steel shot blasting, so that it meets the specifications listed above.
Broken-out or missing areas in the substrate should be filled flush with the surface using Remmers RM systems (RM = Repair Mortar) or Remmers EP mortars.

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.
On higly absorbent substrates the product can be diluted with water up to 10 % by mass.

Mixing ratio (A : B)	88 : 12 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!

- **Conditions for use**

Temperature of the material, air and substrate: from min. +8 °C to max. +30 °C.
During the curing process, the applied material should be protected from moisture which could impair the surface and impair the adhesion.
Relative humidity should not exceed 80%.
The temperature of the substrate must be at least 3 °C above the dew point temperature during application and curing.
Good ventilation must be ensured so that water can be released into the air.

- **Working time (+20 °C)**

Max. 60 minutes

- **Waiting time (+20 °C)**

Waiting times between coats should be at least 12 hours and max. 48 hours.
In the case of longer waiting times, sand the surface treated in the previous work step and apply primer again.

- **Drying time (+20 °C)**

Foot traffic after 1 day, mechanical loads after 3 days, full loading capacity after 7 days.

The times given are reduced at higher temperatures and increased at lower temperatures, in particular in combination with high humidity.

Application examples

- **Priming**

Apply the mixed resin generously to the surface. Distribute with a suitable tool, e.g. rubber blade, and work into the substrate with an epoxy roller so that pores in the surface of the substrate are completely filled.
It may be necessary to apply several layers.

Application rate	Approx. 0.15 - 0.25 kg/m² binder (depending on the substrate)

Notes

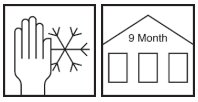
Unless otherwise specified, all of the values and application rates given above have been determined under laboratory conditions (20 °C) using standard colours. Slight deviations from these values may arise if the product is worked with on site.
Primers must always be applied so that all pores are filled; it may therefore be necessary to increase the application rate or to apply a second coat.
Wetting problems are possible on non-absorbent or slightly hydrophobic substrates. In this case, the priming must be repeated a second time.
The end of the pot life cannot be recognised by increased viscosity or temperature, thus the max. working time must be strictly observed.
Abrasive mechanical loads leave traces of wear.
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

Paintbrush, rubber scraper, epoxy roller, mixer

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

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 9 months.

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. 140 g/l (2010).
This product contains < 140 g/l VOC.

Declaration of performance

› **Declaration of performance**

Declaration of conformity

CE UKCA

Remmers GmbH (CE)
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24 (CE); 24 (UKCA)
GBIII 179
EN 13813:2002
6012

Synthetic screed for use internally in buildings

Reaction to fire:	E_{fl}
Release of corrosive substances:	SR
Wear resistance:	≤ AR 0.5
Bond strength:	≥ B 1.5
Impact resistance:	≥ IR 4