Epoxy BS 3000 AS

Dissipative, pigmented sealant

Colour	Availability		
	Quantity per pallet		
	Size / Quantity	**10 kg**	**25 kg**
	Type of container	Tin bucket	Tin bucket
	Container code	11	26
	Art. no.		
special colours from 100 kg	6394	■	■

Application rate

See application examples

Range of use

- Sealant in conductive systems

Property profile

- Water vapour diffusion capable
- Silk gloss
- Conductive
- Physiologically harmless once fully cured

Characteristic data of the product

On delivery

Solids content	65% by mass
Resistance to ground	< 10^6 Ω (system resistance)

On delivery

	Component A	Component B	Mixture
Density (20 °C)	1.4 g/cm³	1.1 g/cm³	1.5 g/cm³
Viscosity (25 °C)	400 mPa s	200 mPa s	750 mPa s

Once fully cured

Reaction to fire (DIN EN 13501-1)	B_{fl}-s1* (Low flammability)

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

Certificates

- Prüfbericht Brandklassifizierung - Remmers ableitfähige Systeme
- FTOX - acute toxicity to fish
- Water vapour diffusion current density according to DIN EN ISO 7783 (glossy)
- Cleaning and care recommendations

› Water vapour diffusion current density according to DIN EN ISO 7783 (matt)

Possible system products

› Epoxy Conductive (6671)

Preparation

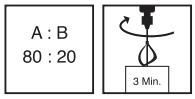
Substrate requirements

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.
A suitable Remmers epoxy primer or epoxy scratch coat must always be used.

Substrate preparation

Before the application of the product a smooth surface must be produced, e.g. with a scratch coat.
Refer to the current Technical Data Sheet for detailed information on the single products.
Epoxy Conductive must be applied according to the current Technical Data Sheet as transverse conducting 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).
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)	80 : 20 parts per weight

As soon as the mixture is ready to use, apply it in full to the prepared surface and spread it using suitable tools.

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.
If necessary, divide the surface into several small fields.

Working time (+20 °C)

approx. 30 minutes

Drying time (+20 °C)

Foot traffic after 16 hours, mechanical loading 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

Sealant

Pour the material generously onto the surface. Use a suitable tool, e.g. a rubber scraper, to distribute the material, then roll using an epoxy roller.

Application rate	max. 0.30 kg/m² binder

Notes

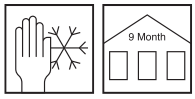
Unless otherwise specified, all of the values and application rates given above have been determined under laboratory conditions (20 °C). Slight deviations from these values may arise if the product is worked with on site.
When coating continuous surfaces, only use materials with the same batch number as slight differences in colour, gloss and texture may occur.
Due to the black transverse conducting layer, poorly covering colours are not to be used.
Before the application of the covering layer, the correct functioning of the transverse conducting layer and of the connections must be proved and registered in a measurement report.
Low levels of air humidity can cause a higher discharge resistance, uneven or thicker layers can even lead the coating to not be conductive at all.
Carbon fibres are visible on the surface. Because of the way the coating is applied, the carbon fibres may bundle.
Abrasive mechanical loads leave traces of wear.
Epoxy resins are generally not colourfast when exposed to UV light or weather.
In case of repairs on the surface or working up to existing surfaces, there will be a visible transition in appearance and texture.
In order to achieve even surfaces, appropriate allowances for roughness depth must be taken into consideration.
Suitable for vehicle traffic with rubber tyres; not suitable for vehicle loads with metal or polyamide tyres nor for dynamic point loads.
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, epoxy roller, suitable mixing apparatus

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.

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

Declaration of performance

› **Declaration of performamce**

Declaration of conformity

Remmers GmbH
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11
GBIII 036_4
EN 13813:2002
6394

Synthetic resin screed for use internally in buildings

Reaction to fire:	E_{fl}
Release of corrosive substances:	SR
Wear resistance:	≤ AR 1
Bond strength:	≥ B 1.5
Impact resistance:	≥ IR 4