



Epoxy BS 3000 AS

Dissipative, pigmented sealant

Colour	Availability		
	Quantity per pallet		
	Size / Quantity	10 kg	25 kg
	Type of container	Tin canister	Tin canister
	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/cm ³	1.1 g/cm ³	1.5 g/cm ³
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)		
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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 - akute Fischtoxizität
- Wasserdampf-Diffusionsstromdichte nach DIN EN ISO 7783 (glänzend)
- Reinigungs- und Pflegeempfehlungen
- Wasserdampf-Diffusionsstromdichte nach DIN EN ISO 7783 (matt)

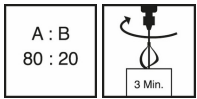
Possible system products ➤ Epoxy Conductive (6671)

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
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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!

- 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/m ² binder
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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. 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.

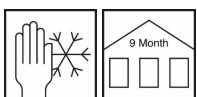
Tools / Cleaning



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.

VOC	
Kat. 2010:	A/j
max.:	140g/l

Declaration of performance

> [Declaration of performance](#)

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

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.