Epoxy Conductive

Water-based transverse conducting layer

Availability	
Quantity per pallet	
Packaging unit	**10 kg**
Container code	11
Art. no.	
6671	■

Application rate

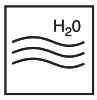
approx. 0.20 kg/m² binder (depending on the substrate)

Range of use

- Transverse conducting layer in dissipative Remmers systems
- Transverse conducting layer in the system SL Floor WHG AS (AbZ Z-59.12-303)

Property profile

- Electrically dissipative (< 10 kΩ)



Characteristic data of the product

	Component A	Component B	Mixture
Density (20 °C)	1.2 g/cm³	1.1 g/cm³	1.2 g/cm³
Viscosity (25 °C)	Thixotropic	500 mPa s	600 mPa s

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

Certificates

- Cleaning and care recommendations

Possible system products

- Epoxy WHG Color AS (1431)
- Epoxy ESD Color 3K (6668)
- Epoxy AS Color (6975)
- PUR Uni Color AS (6789)
- Epoxy ESD Color 2K (6686)

Preparation

- **Substrate requirements**

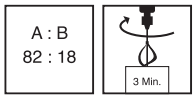
The substrate must be firm, dimensionally stable, capable of bearing loads and free of loose constituents, dust, oil, grease, rubber marks and other substances that could interfere with adhesion.
The adhesive pull strength of the surface after priming must be at least 1.5 N/mm² on average (smallest single value min. 1.0 N/mm²), compressive strength at least 25 N/mm².

Suitable Remmers epoxy primers, epoxy scratch coats or epoxy mortars 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.
Install earthing elements and copper strands prior to application, based on the size and shape of the surface. Make sure that no point on the surface is more than 10 m from an earthing point or a connected copper strand.

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)	82 : 18 parts by 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. +10 °C to max. +25 °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)**

approx. 30 minutes

- **Waiting time (+20 °C)**

Waiting time between application of coats min. 4 hours and max. 48 hours.

- **Drying time (+20 °C)**

Foot traffic after 4-8 hours (depending on the humidity), mechanical loading after 24 hours, full loading capacity after 7 days.

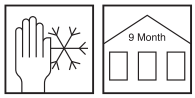
The times given are reduced at higher temperatures and increased at lower temperatures, in particular in combination with high humidity.

Application examples

- **Transverse conducting layer**

Pour the material onto the prepared surface, spread evenly using a rubber scraper, then roll crossways using a suitable epoxy roller.

Application rate	min. 0.20 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). Slight deviations from these values may arise if the product is worked with on site. 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. Uneven application and inadequate ventilation can lead to differences in gloss level and irregular or elevated resistance to earth. Take the black colour of the transverse conducting layer into consideration when selecting the colour of the subsequent coating. 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. For the installation of systems that are subject to approval, the directions contained in the relevant approval must be observed.
Tools / Cleaning 	Brush, rubber blade, epoxy roller, 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).
Personal protective equipment	This information can be obtained from the current Safety Data Sheets and/or the relevant professional associations.
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**

CE marking

CE

Remmers GmbH
Bernhard-Remmers-Str. 13, D – 49624 Löningen

07
GBIII 030_4
EN 13813:2002
6671

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