

What do you want to get done?

# Floor coatings with ESD/AS function

All-round solutions

Digital brochures







**Maximum safety  
even at ultra-low  
ESD levels**



# Floor coatings for special requirements

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# Special coatings minimise the risks to humans and machines

## Practical system solutions and planning aids for long-lasting protection and maximum safety

Electrostatic charging and discharging occur almost everywhere in everyday life (for example when working at a desk, walking across a carpet, or picking up a plastic bag). Even brief contact between two bodies creates an electrostatic charge, which can discharge again upon contact with another body.

This phenomenon can damage electrostatically sensitive components, such as microelectronics, as these are becoming increasingly delicate nowadays and are therefore more susceptible to ESD damage. Often, even the smallest discharges are sufficient to cause malfunctions or complete failure of the components. However, this often occurs only when using the final product, which results in cost-intensive downtime or product recalls.

Meanwhile, explosive media or chemicals also pose a major problem, as they can cause fires or explosions due to sparking.

Preventing such damage is an absolute priority, because the potential cost of this damage justifies any effort needed. The high-quality ESD and conductive coatings from Remmers minimise these dangers significantly.







# Prevention and protection with Remmers flooring systems

Floor systems can be protected from static electricity in two ways: firstly, by preventing the floor from becoming charged, and secondly, by ensuring controlled discharge. Our floor systems make a significant contribution to protecting people and products from the effects of uncontrolled electrostatic discharge. We provide individual system solutions for every

application. Additional properties and requirements, such as slip resistance, cleanability, clean room requirements or mechanical and chemical resistance are also something we can handle with ease.



# Standards and regulations

## What rules do I have to comply with, and when?

The core task of conductive coatings is to dissipate any charges that arise via the floor to the earth compensation potential so that no dangerous charging occurs. Depending on the requirements, there are various standards that must be adhered to.

### DIN EN 1081

This standard concerns the determination of the electrical resistance of floor coverings using a tripod electrode. It is a pure measuring standard and does not specify any limit values. It is used as the measuring standard for TRGS 727.

### TRGS 727

The Technical Rule for Hazardous Substances (TRGS) is concerned with the prevention of ignition hazards due to electrostatic charges. The requirement for the resistance to earth of the floor is

$R_E < 10^8 \Omega$  ( $R_E < 10^6 \Omega$  for explosive materials).

DIN EN 1081 is normally used as the measuring standard.

### DIN EN 61340-5-1

This standard describes the protection of electronic devices from electrostatic phenomena. It is the "umbrella standard" for ESD applications. It defines the requirements for all components relevant to ESD protected areas (EPAs). For flooring, the standard specifies a resistance to earth of  $R_E < 10^9 \Omega$ . The standard also specifies the requirement for system resistance (human – shoe – floor), which is  $R_G < 10^9 \Omega$ , and the requirement for body voltage (walking test), which is  $< 100 \text{ V}$ . The measuring methods are described in the standards DIN EN 61340-4-1 and DIN EN 61340-4-5.

### DIN EN 61340-4-1

This is the test procedure for measuring the resistance to earth (see DIN EN 61340-5-1). The electrode used is a round electrode weighing  $2.5 \text{ kg} \pm 0.25 \text{ kg}$ , which is equipped with a conductive rubber on the underside. No limit values are specified here.

### DIN EN 61340-4-5

This standard contains the test procedure for measuring the system resistance (human – shoe – floor) and the body voltage (walking test). Both measurements use a stainless steel hand electrode with a length of 25–75 mm. No limit values are specified here.

### DIN EN 61340-6-1

This standard governs the monitoring of electrostatics in healthcare environments. Static electricity (e.g. electrostatic discharge) can be a source of danger for patients and staff in many ways. Operating rooms, pre-op and recovery rooms, and intensive care units in particular are equipped with highly complex technology. In these areas, the resistance to earth must be  $R_E < 10^9 \Omega$  ( $R_E < 10^6 \Omega$  if flammable anaesthetics are used). Measurement is conducted in accordance with 61340-4-1.

### DIN EN IEC 62485-2

When it comes to finding ways of securing a sustainable energy supply for the future, the storage of energy recovered regeneratively is a hot topic. The use of secondary batteries and battery installations with nickel-cadmium or lead cells give rise to particular requirements concerning conductivity and the protection of persons.

- $50 \text{ k}\Omega \leq R_E \leq 10 \text{ M}\Omega$  at voltages  $\leq 500 \text{ V}$
- $100 \text{ k}\Omega \leq R_E \leq 10 \text{ M}\Omega$  at voltages  $> 500 \text{ V}$

### AwsV / WHG approval

This standard regulates the leakage resistance of flammable substances hazardous to water with a flash point  $< 55 \text{ }^\circ\text{C}$  (in facilities use for storage, filling and handling of these substances). The following requirements apply to the resistance to earth:

- $R_E < 10^8 \Omega < 50 \% \text{ RH}$
- $R_E < 10^7 \Omega < 70 \% \text{ RH}$
- $R_E < 10^6 \Omega > 70 \% \text{ RH}$



To simplify the measurement process, we have provided the appropriate measuring protocol here.



## General tips on measurement

There are various measuring standards that explain the exact procedure, some of which are very complex. To make this a little easier, we've put together some general tips to guide you. The testing standards include DIN EN 1081, DIN EN 61340-4-1 and DIN EN 61340-4-5. Below you will find a general procedure for conducting tests in a building.

### Preparation

- Testing of the laid surface after 7 days at the earliest
- Surface to be tested must be clean and dry
- Measuring electrodes, conductive footwear and contact surfaces are to be cleaned with a cotton cloth and isopropyl alcohol or ethanol (concentration  $\geq 95\%$ ) and brought to room temperature
- Footwear must be worn for at least 10 minutes before measurement

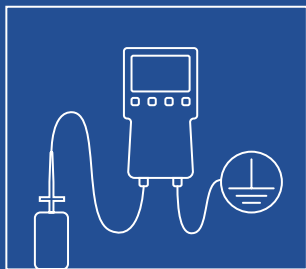
### Procedure

- Room temperature, surface temperature and relative humidity must be noted
- Resistance of the footwear is to be determined (metal plate) and noted down
- Before starting the measurement, make sure that the rubber feet of the electrodes and the shoes are completely dry
- Experience has shown that a measurement should also be carried out directly above a point that can be earthed at each of the selected measurement points

### Please note:

If a measured value is out of specification, we recommend taking another measurement at a distance of 20 cm. Isolated deviations may occur during the measurement process, but these do not impair the function of the flooring.

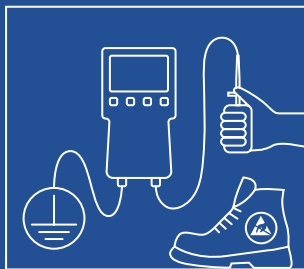
#### Resistance to earth



##### Resistance to earth (DIN EN 61340-4-1)

- Measurement voltage: 100 V\*
- At least 6 measurements (one more for every additional 100 m<sup>2</sup>)

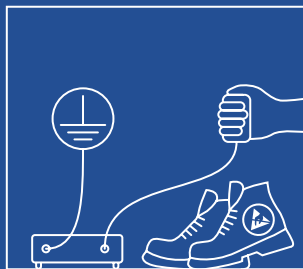
#### System resistance



##### Human – shoe – floor (DIN EN 61340-4-5)

- Measurement voltage: 100 V\*
- At least 5 measurements (five more for every additional 500 m<sup>2</sup>)

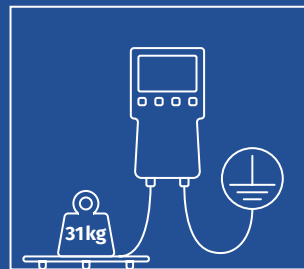
#### Body voltage



##### Walking test (DIN EN 61340-4-5)

- At least 5 measurements (five more for every additional 500 m<sup>2</sup>)

#### Resistance to earth



##### Three point electrode (DIN EN 1081)

- Measurement voltage 100 V\*
- Min. 300 N (approx. 31 kg) applied to the electrode
- At least 3 measurements (one more for every additional 100 m<sup>2</sup>)

\* A voltage of 100 V is normally used for measurement. If the resistance is  $\leq 1.0 \times 10^6 \Omega$ , the voltage is reduced to 10 V.



# The difference between ESD-compliant and antistatic floor coatings

## What do I need and when?

### ESD (electrostatic discharge)



<b>Definition</b>	Reliably prevents the charging of persons, and quickly and safely conducts this electrostatic charge to an earthing point, eliminating the possibility of damage to electrical components. This primary requirement ( $< 100 \text{ V}$ ) for ESD coatings differs from that of conventional conductive coatings.
<b>Item(s) protected</b>	Sensitive components
<b>Requirements</b>	DIN EN 61340-5-1
<b>Measuring standard</b>	DIN EN 61340-4-1 DIN EN 61340-4-5
<b>Key figures</b>	Resistance to earth ( $< 10^9 \Omega$ ) Body voltage ( $< 100 \text{ V}$ ) System resistance ( $< 10^9 \Omega$ )
<b>Examples</b>	Production and packaging halls for electronic components such as microelectronics, sensors, microchips and PCBs
<b>Areas of application</b>	Electronics industry Supplier and automotive industry Aviation industry

### AS (antistatic)



<b>Definition</b>	Reliably prevents the charging of persons, and quickly and safely conducts this electrostatic charge to an earthing point, eliminating the possibility that any ignitable mixtures can be ignited. The primary requirement here is the resistance to earth ( $R_E$ ).
<b>Item(s) protected</b>	Buildings (against explosions and fires)
<b>Requirements</b>	TRGS 727
<b>Measuring standard</b>	DIN EN 1081 DIN EN 61340-4-1
<b>Key figures</b>	Resistance to earth ( $< 10^8 \Omega$ or $< 10^6 \Omega$ ) Body voltage ( $< 2000 \text{ V}$ )
<b>Examples</b>	Explosion protection (highly flammable and combustible liquids (chemicals) – gases, vapours, dusts, explosives (ammunition, pyrotechnics)
<b>Areas of application</b>	Traditional industry Chemical industry (water pollution control) Storage areas Research facilities and laboratories





## Perfect system solutions for clean rooms

A clean room is a space in which the concentration of airborne particles, such as dust, must be kept very low to ensure the quality of the final product. The respective clean room class is derived from the quantity of particles per cubic metre. The lower the particle count, the lower the class. DIN EN ISO 14644-1 defines clean room classes of ISO 1 to ISO 9, with ISO 1 being the cleanest.

Clean room requirements in combination with ESD requirements exist in many areas, but are of particular importance in semiconductor manufacturing, the electronics industry or even in the automotive industry. Even the smallest particles can disrupt the manufacturing process and cause damage. But airborne molecules (VOCs) can also contaminate the air. It is therefore important that both particulates and emissions are kept to a minimum. As a result, choosing the right floor system is essential.

### Examples of other requirements:

- Jointless installation
- Very easy to clean
- Abrasion-resistant surface
- Minimal maintenance
- Safety-relevant detailed solutions





## HELPFUL TIPS



### ① CHEMICAL INDUSTRY

Extreme caution must be exercised wherever chemicals, fuels, solvents and other highly flammable substances are stored or moved. The requirements pertaining to antistatic safety and water pollution prevention must be adhered to. With the ESD/AS systems from Remmers, you can be sure to get it right.

### ② TRADITIONAL INDUSTRY

Whether in mechanical engineering, the printing industry, the pharmaceutical industry or similar, special care must be taken where static charges occur and can cause fires or explosions. The choice of the right floor coating with a high wear resistance plays a major role here.





### ③ ELECTRONICS INDUSTRY

In the production of microchips, semiconductors and other electronic components, the requirements for ESD-compliant floor coverings are particularly high. Even the smallest electrostatic discharges can cause major damage here. Meanwhile, particles and emissions can cause problems too. Therefore, the highest quality standards must be achieved even during the coating process.

### ④ THE AUTOMOTIVE SECTOR AND ITS SUPPLIERS

The increasing focus on electromobility has elevated not just the demand for but also the requirements placed on ESD-compliant floor coatings (circuits) in the automotive and supplier industry. Here, Remmers offers professional solutions with maximum efficiency for users and customers.



ESD FLOORING SYSTEMS

# Safety-relevant ESD flooring systems

For increased work safety around sensitive  
components







The work performed here involves highly sensitive components, which are also called ESDS (electrostatic discharge sensitive). To ensure the quality of the products, they must be protected from electrostatic discharges. Such sensitive components are often handled in a so-called EPA (electrostatic protected area). In this case, the floor represents part of the equipment in an EPA. Our ESD-compliant floor systems meet these requirements.



# TX TECH 4030

## ESD-compliant textured coating – no transverse conducting layer necessary

ESD-compliant textured coating (dimpled surface) for moderate mechanical loads.

**Application**

- Water vapour diffusible
- Good abrasion resistance
- Silk gloss or matt surface finish

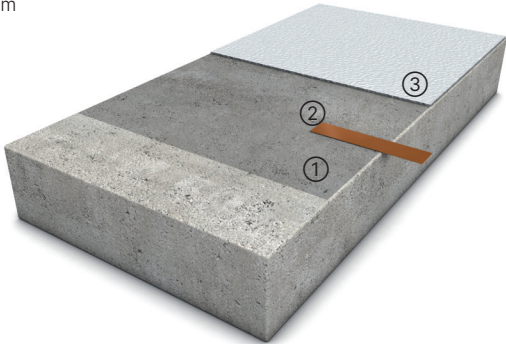
**Properties**

- High abrasion resistance
- Hard-wearing surface
- Easy to clean and provides sure footing
- No transverse conducting layer needed

**Test certificates \***

- Slip resistance R9
- Chemical resistance list
- Fire class B<sub>fl</sub>-s1
- External conductivity test

System layer thickness:  
< 1.0 mm



Structure	Product name/details		Application rate
1 Primer	Epoxy ST 100	p. 40	~ 0.30 kg/m <sup>2</sup>
Scratch coat ** (optional)	Epoxy ST 100	p. 40	~ 0.50 kg/m <sup>2</sup>
	+ filler e.g. Selectmix 01/03	p. 60	~ 0.50 kg/m <sup>2</sup>
2 Earthing connection	Copper Tape	p. 57	~ 0.10 m/m <sup>2</sup>
3 Flow coating	Epoxy TX Color ESD	p. 49	~ 0.50 - 0.60 kg/m <sup>2</sup>

\*\* Colour matching possible with Epoxy Primer PF



\* For more detailed information, refer to the currently valid Technical Data Sheet/system configurations and the applicable test certificate. Test certificates may only apply to a specific product, meaning that the above-mentioned system is not necessarily part of the certified scope. Different R classes can be achieved by changing the seal coat and blinding material.





# TX TECH 4020

## ESD-compliant textured coating – no transverse conducting layer necessary

ESD-compliant hard grain coating with textured surface (hard grain dimpled surface) for moderate mechanical loads.

### Application

- Automotive industry
- Mechanical engineering
- Production halls and workshops in the electronics industry
- Aviation industry

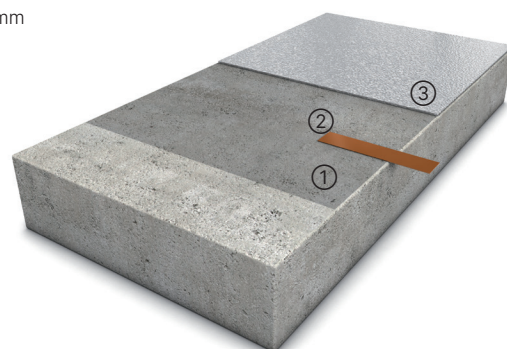
### Properties

- High wear resistance
- Anti-slip surface
- No transverse conducting layer needed

### Test certificates \*

- Slip resistance R10
- Chemical resistance list
- Fire class B<sub>fl</sub>-s1
- External conductivity test

System layer thickness:  
< 1.0 mm



Structure	Product name/details		Application rate
1 Primer	Epoxy ST 100	p. 40	~ 0.30 kg/m <sup>2</sup>
Scratch coat ** (optional)	Epoxy ST 100 + filler e.g. Selectmix 01/03	p. 40 p. 60	~ 0.50 kg/m <sup>2</sup> ~ 0.50 kg/m <sup>2</sup>
2 Earthing connection	Copper Tape	p. 57	~ 0.10 m/m <sup>2</sup>
3 Flow coating	Epoxy SIC Color ESD	p. 49	~ 0.60 kg/m <sup>2</sup>

\*\* Colour matching possible with Epoxy Primer PF





# SL TECH 4010

## ESD-compliant flow coating

ESD-compliant, pigmented flow coating system.

### Application

- Automotive industry
- Mechanical engineering
- Production halls and workshops in the electronics industry
- Pharmaceutical industry
- Aviation industry

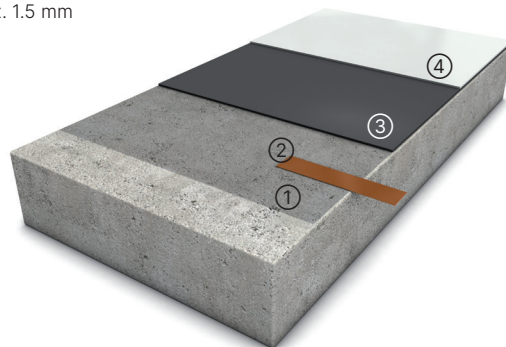
### Properties

- Fillable
- High wear resistance
- Surface can be made slip-resistant

### Test certificates \*

- Slip resistance R 9/R 10
- Chemical resistance list
- Fire class B<sub>fl</sub>-s1
- External conductivity test
- Cleanroom test (ISO 14644-1): Class 5

System layer thickness:  
approx. 1.5 mm



Structure	Product name/details	Application rate
1 Primer	Epoxy ST 100 p. 40	~ 0.30 kg/m <sup>2</sup>
Scratch coat ** (optional)	Epoxy ST 100 + filler e.g. Selectmix 01/03 p. 60	~ 0.50 kg/m <sup>2</sup>
2 Earth connection	Copper Tape p. 57	~ 0.10 m/m <sup>2</sup>
3 Conducting layer	Epoxy Conductive (LE) p. 57	~ 0.15 kg/m <sup>2</sup>
4 Flow coating	Epoxy ESD Color 2K p. 50	~ 1.80 kg/m <sup>2</sup>
Scattered flakes (optional)	Mica GHL 3/0 p. 64	~ 0.02 kg/m <sup>2</sup> (< 20% coverage)

\*\* Colour matching possible with Epoxy Primer PF



# SL TECH 4040

## ESD-compliant seal coat

Aqueous ESD-compliant sealant system with a matt surface.

### Application

- For low to moderate loads in ESD protected areas

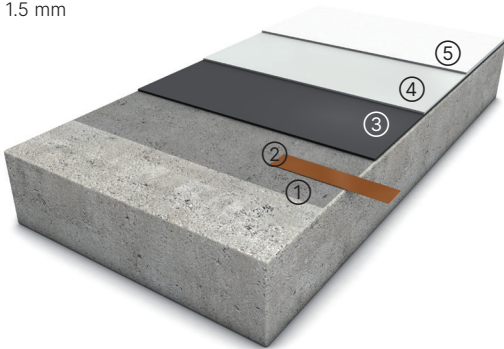
### Properties

- Matt surface
- Good hiding power
- Low abrasion
- Easy to apply
- Surface can be made slip-resistant
- Cost-effective seal coat for refurbishment

### Test certificates \*

- Slip resistance R9 / R10 / R11
- Chemical resistance list
- Fire class B<sub>fl</sub>-s1
- External conductivity test

System layer thickness:  
approx. 1.5 mm



Structure	Product name/details		Application rate
1 Primer	Epoxy ST 100	p. 40	~ 0.30 kg/m <sup>2</sup>
Scratch coat ** (optional)	Epoxy ST 100	p. 40	~ 0.50 kg/m <sup>2</sup>
	+ filler e.g. Selectmix 01/03	p. 60	~ 0.50 kg/m <sup>2</sup>
2 Earth connection	Copper Tape	p. 57	~ 0.10 m/m <sup>2</sup>
3 Conducting layer	Epoxy Conductive (LE)	p. 57	~ 0.15 kg/m <sup>2</sup>
4 Flow coating	Epoxy AS Color	p. 53	~ 1.80 - 2.50 kg/m <sup>2</sup>
5 Seal coat	PUR Aqua Top ESD	p. 48	min. 0.14 kg/m <sup>2</sup>

\*\* Colour matching possible with Epoxy Primer PF



\* For more detailed information, refer to the currently valid Technical Data Sheet/system configurations and the applicable test certificate. Test certificates may only apply to a specific product, meaning that the above-mentioned system is not necessarily part of the certified scope. Different R classes can be achieved by changing the seal coat and blinding material.





# SL FLOOR ESD 01

## ESD-compliant flow coating

ESD-compliant, pigmented flow coating system.  
Optionally with non-slip surface R 10.

### Application

- Automotive industry
- Mechanical engineering
- Electronics industry
- Pharmaceutical industry
- Aviation industry
- Battery rooms <sup>1)</sup>

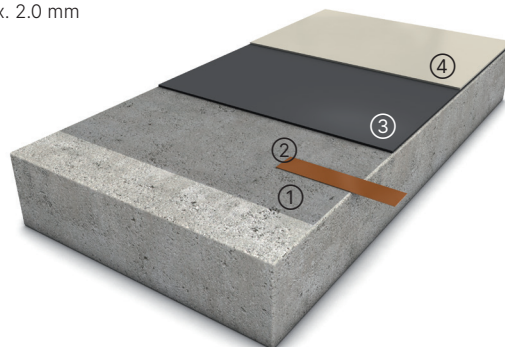
### Properties

- Crack-bridging
- Cost-effective layer thickness ratio
- Surface can be made slip-resistant
- Extensive range of test certificates

### Test certificates \*

- Slip resistance R10
- Chemical resistance list
- Crack bridging test
- Cleanroom test (ISO 14644-1): Class 4
- Fire class B<sub>II</sub>-s1
- External conductivity test

System layer thickness:  
approx. 2.0 mm



Structure	Product name/details		Application rate
<b>1</b> Primer	Epoxy ST 100	p. 40	~ 0.30 kg/m <sup>2</sup>
	Scratch coat **	p. 40	~ 0.50 kg/m <sup>2</sup>
	(optional) + filler e.g. Selectmix 01/03	p. 60	~ 0.50 kg/m <sup>2</sup>
<b>2</b> Earth connection	Copper Tape	p. 57	~ 0.10 m/m <sup>2</sup>
<b>3</b> Conducting layer	Epoxy Conductive (LE)	p. 57	~ 0.15 kg/m <sup>2</sup>
<b>4</b> Flow coating	Epoxy ESD Color 3K	p. 50	~ 2.70 - 3.00 kg/m <sup>2</sup>
Scattered flakes (optional)	Mica GHL 3/0	p. 64	~ 0.02 kg/m <sup>2</sup> ( < 20% coverage)

\*\* Colour matching possible with Epoxy Primer PF



# SR TECH 4080

## ESD-compliant coating with scatter finish

ESD-compliant coating with scatter finish, based on epoxy resin with a slip-resistant surface.

### Application

- Automotive industry
- Data centres
- Pharmaceutical industry
- Electronics industry
- Aviation industry
- Semiconductor production

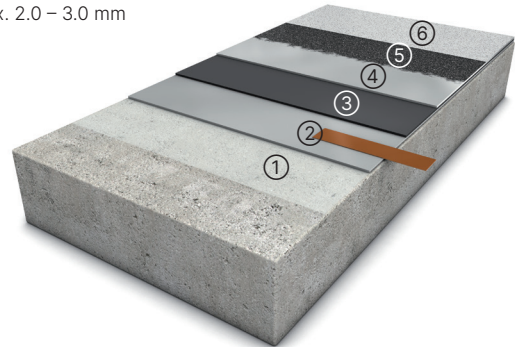
### Properties

- High surface strength
- Easy to apply
- Excellent flow properties
- Durable thanks to high layer thickness
- Capable of bearing wheel loads

### Test certificates \*

- Slip resistance R12
- Displacement space V4
- Chemical resistance list
- Fire class B<sub>fl</sub>-s1
- External conductivity test

System layer thickness:  
approx. 2.0 – 3.0 mm



Structure	Product name/details		Application rate
1 Primer	Epoxy ST 100	p. 40	~ 0.30 kg/m <sup>2</sup>
Scratch coat ** (optional)	Epoxy ST 100 + filler e.g. Selectmix 01/03	p. 40 p. 60	~ 0.50 kg/m <sup>2</sup> ~ 0.50 kg/m <sup>2</sup>
2 Earth connection	Copper Tape	p. 57	~ 0.10 m/m <sup>2</sup>
3 Conducting layer	Epoxy Conductive (LE)	p. 57	~ 0.15 kg/m <sup>2</sup>
4 Flow coating	Epoxy ESD Color 2K	p. 50	min. 0.80 kg/m <sup>2</sup>
5 Blinding	Ceramix Conduct 04/08	p. 64	~ 6.00 kg/m <sup>2</sup>
6 Topcoat	Epoxy ESD Color 2K	p. 50	~ 0.60 - 0.70 kg/m <sup>2</sup>

\*\* Colour matching possible with Epoxy Primer PF



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Phoenix Contact, Schieder-Schwalenberg

\* For more detailed information, refer to the currently valid Technical Data Sheet/system configurations and the applicable test certificate. Test certificates may only apply to a specific product, meaning that the above-mentioned system is not necessarily part of the certified scope. Different R classes can be achieved by changing the seal coat and blinding material.

<sup>1)</sup> (cf. SL TECH 4120)



# Antistatic flooring systems

For maximum work safety around potentially explosive materials







Highly flammable liquids are used in many areas, such as the chemical industry, water pollution control and printing plants. It is crucial to divert any charge into the ground to protect people and machinery from explosions and fires. Our antistatic flooring systems meet the relevant requirements.



# TC FLOOR WDD AS

## Water vapour diffusible, conductive seal coat

Conductive, water vapour diffusible sealant system.

**Application**

- Storage rooms
- Technical equipment rooms
- Corridors in production halls

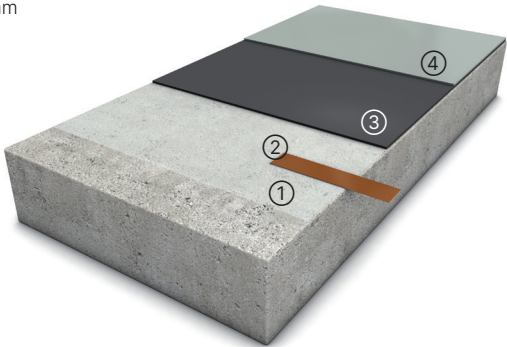
**Properties**

- Water vapour diffusible
- Good abrasion resistance
- Conductive

**Test certificates \***

- Fire class B<sub>fl</sub>-s1
- External conductivity test

System layer thickness:  
< 0.5 mm

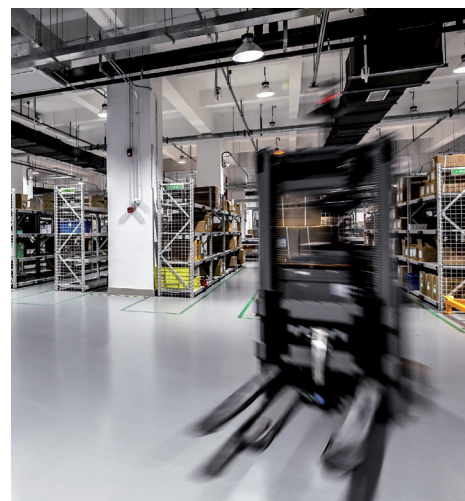


Structure	Product name/details		Application rate
1 Primer	Epoxy BS 2000	p. 44	~ 0.20 kg/m <sup>2</sup>
Scratch coat (optional)	Epoxy BS 4000	p. 45	~ 0.50 kg/m <sup>2</sup>
	+ filler e.g. Selectmix SBL DF	p. 61	~ 0.50 kg/m <sup>2</sup>
2 Earth connection	Copper Tape	p. 57	~ 0.10 m/m <sup>2</sup>
3 Conducting layer	Epoxy Conductive (LE)	p. 57	~ 0.15 kg/m <sup>2</sup>
4 Flow coating	Epoxy BS 3000 AS	p. 51	~ 0.20 kg/m <sup>2</sup>



\* For more detailed information, refer to the currently valid Technical Data Sheet/system configurations and the applicable test certificate. Test certificates may only apply to a specific product, meaning that the above-mentioned system is not necessarily part of the certified scope. Different R classes can be achieved by changing the seal coat and blind material.





# TX FLOOR AS 02

## Conductive textured coating

Conductive textured coating (dimpled surface) for moderate mechanical loads.

### Application

- Production halls
- Assembly halls
- Storage halls

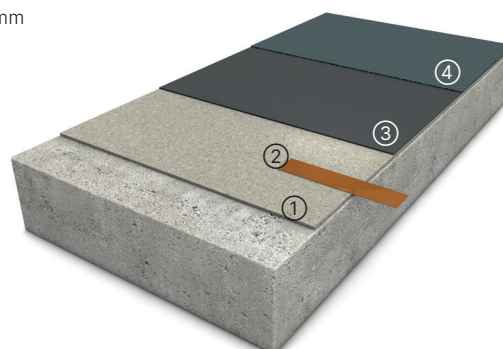
### Properties

- Abrasion resistant
- Easy to clean and provides sure footing

### Test certificates \*

- Slip resistance R9
- Chemical resistance list
- Fire class B<sub>fl</sub>-s1
- External conductivity test

System layer thickness:  
< 1.0 mm



Structure	Product name/details		Application rate
1 Primer	Epoxy Primer PF	p. 43	~ 0.40 kg/m <sup>2</sup>
Scratch coat (optional)	Epoxy Primer PF + filler e.g. Selectmix 01/03	p. 43	~ 1.00 kg/m <sup>2</sup>
		p. 60	~ 0.50 kg/m <sup>2</sup>
2 Earth connection	Copper Tape	p. 57	~ 0.10 m/m <sup>2</sup>
3 Conducting layer	Epoxy Conductive (LE)	p. 57	~ 0.15 kg/m <sup>2</sup>
4 Flow coating	Epoxy TX Color AS	p. 51	~ 0.50 - 0.60 kg/m <sup>2</sup>

\* For more detailed information, refer to the currently valid Technical Data Sheet/system configurations and the applicable test certificate. Test certificates may only apply to a specific product, meaning that the above-mentioned system is not necessarily part of the certified scope. Different R classes can be achieved by changing the seal coat and blinding material.



# TX FLOOR AS 01

## Conductive textured coating

Conductive hard grain coating with textured surface (hard grain dimpled surface) for moderate mechanical loads.

**Application**

- Plant engineering
- Metalworking industry

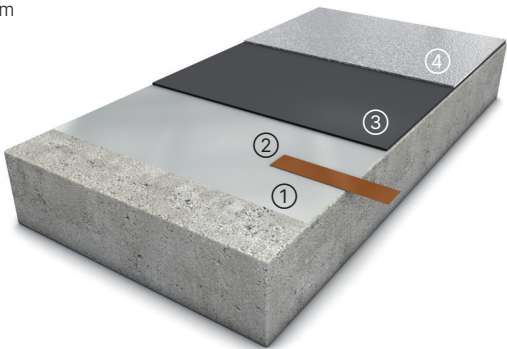
**Properties**

- High wear resistance
- Slip-resistant surface
- Conductive

**Test certificates \***

- Slip resistance R10
- Chemical resistance list
- Rear moisture saturation test (Epoxy Primer PF)
- Fire class B<sub>fl</sub>-s1
- External conductivity test

System layer thickness:  
< 1.0 mm



Structure	Product name/details		Application rate
1 Primer	Epoxy Primer PF	p. 43	~ 0.40 kg/m <sup>2</sup>
	Scratch coat (optional)	Epoxy Primer PF + filler e.g. Selectmix 01/03	p. 43 ~ 1.00 kg/m <sup>2</sup> p. 60 ~ 0.50 kg/m <sup>2</sup>
	2 Earth connection	Copper Tape	p. 57 ~ 0.10 m/m <sup>2</sup>
3 Conducting layer	Epoxy Conductive (LE)	p. 57	~ 0.15 kg/m <sup>2</sup>
4 Flow coating	Epoxy SIC Color	P. 52	~ 0.60 kg/m <sup>2</sup>



\* For more detailed information, refer to the currently valid Technical Data Sheet/system configurations and the applicable test certificate. Test certificates may only apply to a specific product, meaning that the above-mentioned system is not necessarily part of the certified scope. Different R classes can be achieved by changing the seal coat and blinding material.



# SL FLOOR AS 01

## Conductive flow coating

Conductive, pigmented flow coating system.

### Application

- Production halls
- Print shops
- Storage areas

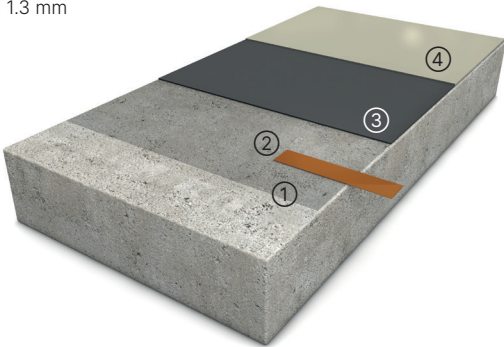
### Properties

- Surface can be made slip-resistant
- Good mechanical resistance
- Cost-effective

### Test certificates \*

- Slip resistance R9
- Chemical resistance list
- Rear moisture saturation in the OS 8 system
- Fire class B<sub>fi</sub>-s1
- External conductivity test

System layer thickness:  
approx. 1.3 mm



Structure	Product name/details		Application rate
1 Primer	Epoxy ST 100	p. 40	~ 0.30 kg/m <sup>2</sup>
Scratch coat ** (optional)	Epoxy ST 100	p. 40	~ 0.50 kg/m <sup>2</sup>
	+ filler e.g. Selectmix 01/03	p. 60	~ 0.50 kg/m <sup>2</sup>
2 Earth connection	Copper Tape	p. 57	~ 0.10 m/m <sup>2</sup>
3 Conducting layer	Epoxy Conductive (LE)	p. 57	~ 0.15 kg/m <sup>2</sup>
4 Flow coating	Epoxy AS Color	p. 53	~ 1.80 - 2.50 kg/m <sup>2</sup>
Scattered flakes (optional)	Mica GHL 3/0	p. 64	~ 0.02 kg/m <sup>2</sup> (< 20% coverage)

\*\* Colour matching possible with Epoxy Primer PF





# SL TECH 4110

## Conductive flow coating

Conductive, pigmented flow coating system.

**Application**

- Production halls
- Print shops
- Storage areas

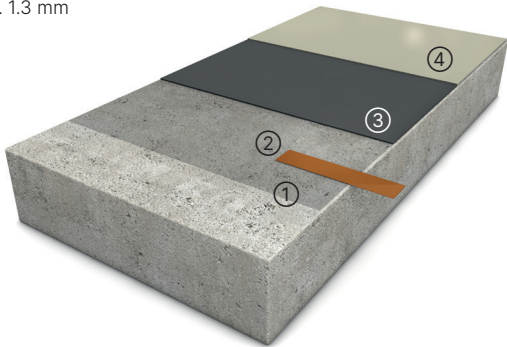
**Properties**

- Surface can be made slip-resistant
- Good mechanical resistance
- Low emissions
- Free from benzyl and alkenylphenols

**Test certificates \***

- Slip resistance R9
- Chemical resistance list
- External conductivity test

System layer thickness:  
approx. 1.3 mm



Structure	Product name/details		Application rate
1 Primer	Epoxy ZE 100	p. 42	~ 0.30 kg/m <sup>2</sup>
	Scratch coat **	p. 42	~ 0.50 kg/m <sup>2</sup>
	(optional) + filler e.g. Selectmix 01/03	p. 60	~ 0.50 kg/m <sup>2</sup>
2 Earth connection	Copper Tape	p. 57	~ 0.10 m/m <sup>2</sup>
3 Conducting layer	Epoxy Conductive (LE)	p. 57	~ 0.15 kg/m <sup>2</sup>
4 Flow coating	Epoxy ZE Color AS	p. 54	~ 1.80 - 2.50 kg/m <sup>2</sup>
Scattered flakes (optional)	Mica GHL 3/0	p. 64	~ 0.02 kg/m <sup>2</sup> (< 20% coverage)

\*\* Colour matching possible with Epoxy Primer PF



\* For more detailed information, refer to the currently valid Technical Data Sheet/system configurations and the applicable test certificate. Test certificates may only apply to a specific product, meaning that the above-mentioned system is not necessarily part of the certified scope. Different R classes can be achieved by changing the seal coat and blinding material.





# SL TECH 4060

## Conductive flow coating

Conductive, crack-bridging and flexible pigmented flow coating system.

### Application

- Production halls
- Print shops
- Storage areas

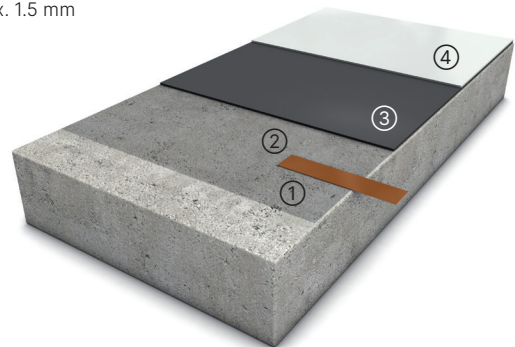
### Properties

- Surface can be made slip-resistant
- Conductive
- Crack-bridging

### Test certificates \*

- Slip resistance R9
- Chemical resistance list
- Emissions test
- Fire class B<sub>fl</sub>-s1
- External conductivity test

System layer thickness:  
approx. 1.5 mm



Structure	Product name/details	Application rate
<b>1</b> Primer	Epoxy ST 100 p. 40	~ 0.30 kg/m <sup>2</sup>
Scratch coat ** (optional)	Epoxy ST 100 + filler e.g. p. 40	~ 0.50 kg/m <sup>2</sup>
	Selectmix 01/03 p. 60	~ 0.50 kg/m <sup>2</sup>
<b>2</b> Earth connection	Copper Tape p. 57	~ 0.10 m/m <sup>2</sup>
<b>3</b> Conducting layer	Epoxy Conductive (LE) p. 57	~ 0.15 kg/m <sup>2</sup>
<b>4</b> Flow coating	PUR Uni Color AS p. 53	~ 1.50 - 2.00 kg/m <sup>2</sup>
Scattered flakes (optional)	PUR Aqua Top ESD p. 48	min. 0.14 kg/m <sup>2</sup>

\*\* Colour matching possible with Epoxy Primer PF





# SL FLOOR WHG AS 01

## Conductive WHG-compliant coating

Conductive, crack-bridging, chemical-resistant pigmented flow coating system, approved under the German Federal Water Act (WHG).

### Application

- Potentially explosive atmospheres
- Collecting basins
- Storage areas

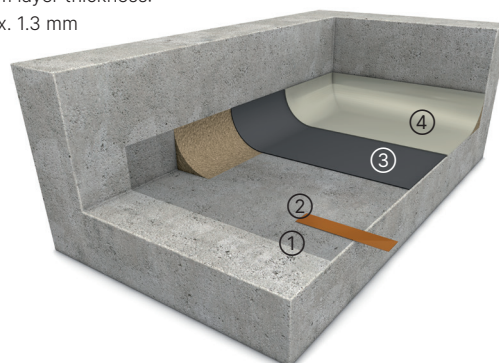
### Properties

- Surface can be made slip-resistant
- Crack-bridging 0.3 mm
- Conductive

### Test certificates \*

- Slip resistance R10
- Chemical resistance list
- Emissions test
- General building inspectorate approval
- Crack bridging test
- Trafficability test
- Fire class B<sub>fi</sub>-s1
- External conductivity test

System layer thickness:  
approx. 1.3 mm



Structure	Product name/details	Application rate
1 Primer	Epoxy GL 100	p. 42 ~ 0.30 kg/m <sup>2</sup>
Scratch coat ** (optional)	Epoxy GL 100 + filler e.g. Selectmix 01/03	p. 42 ~ 0.50 kg/m <sup>2</sup> p. 60 ~ 0.50 kg/m <sup>2</sup>
2 Earth connection	Copper Tape	p. 57 ~ 0.10 m/m <sup>2</sup>
3 Conducting layer	Epoxy Conductive LE	p. 57 ~ 0.15 kg/m <sup>2</sup>
4 Flow coating	Epoxy WHG Color AS	p. 54 min. 1.50 kg/m <sup>2</sup>
Scattered flakes (optional)	Mica GHL 3/0	p. 64 ~ 0.02 kg/m <sup>2</sup> (< 20% coverage)

\*\* Colour matching possible with Epoxy Primer PF



# SR FLOOR WHG AS 01

## Conductive WHG-compliant coating

Conductive and chemical-resistant pigmented flow coating system, approved under the German Federal Water Act (WHG).

### Application

- Potentially explosive atmospheres
- Collecting basins
- Storage areas

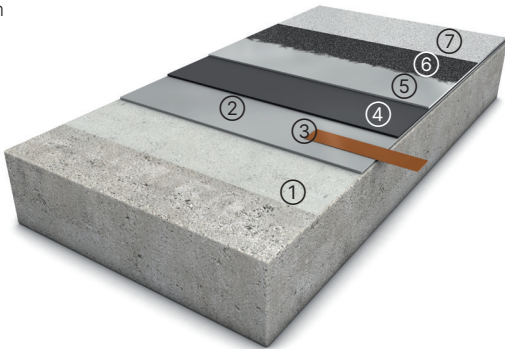
### Properties

- Surface can be made slip-resistant
- Crack-bridging 0.3 mm
- Conductive

### Test certificates \*

- Fire class B<sub>fl</sub>-s1
- Slip resistance R12
- Chemical resistance list
- Emissions test
- Crack bridging test
- Trafficability test

System layer thickness:  
> 3 mm



Structure **	Product name/details	Application rate
1 Primer	Epoxy GL 100	p. 42 ~ 0.30 kg/m <sup>2</sup>
Scratch coat (optional)	Epoxy GL 100 + filler e.g. Selectmix 01/03	p. 42 ~ 0.50 kg/m <sup>2</sup> p. 60 ~ 0.50 kg/m <sup>2</sup>
2 Flow coating	Epoxy WHG Color	p. 55 ~ 1.60 kg/m <sup>2</sup>
3 Earth connection	Copper Tape	p. 57 ~ 0.10 m/m <sup>2</sup>
4 Conducting layer	Epoxy Conductive LE	p. 57 ~ 0.15 kg/m <sup>2</sup>
5 Flow coating	Epoxy WHG Color AS	p. 54 ~ 0.80 kg/m <sup>2</sup>
6 Blinding	ESD blinding material coarse (SIC 04)	p. 65 ~ 4.00 - 6.00 kg/m <sup>2</sup>
7 Seal coat	Epoxy WHG Color	p. 55 ~ 0.60 kg/m <sup>2</sup>

\*\* Colour matching possible with Epoxy Primer PF



\* For more detailed information, refer to the currently valid Technical Data Sheet/system configurations and the applicable test certificate. Test certificates may only apply to a specific product, meaning that the above-mentioned system is not necessarily part of the certified scope. Different R classes can be achieved by changing the seal coat and blinding material.



# SR TECH 4070

## Slip-resistant, low-emissions, conductive coating

Conductive, low-emission flow coating on an epoxy resin base with slip-resistant finish to satisfy the requirements of TRGS 727.

### Application

- Automotive industry
- Pharmaceutical industry
- Electronics industry
- Aviation industry

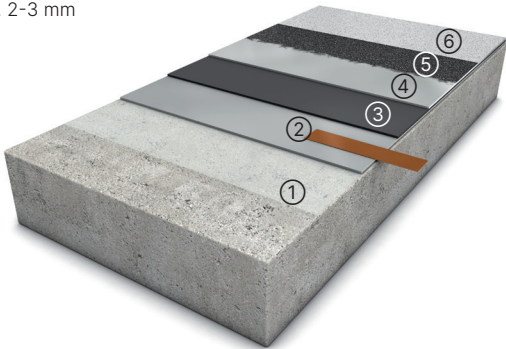
### Properties

- Low emissions
- High surface strength
- Easy to apply
- Excellent flow properties
- Durable thanks to high layer thickness
- Free from benzyl alcohols and nonylphenols

### Test certificates \*

- Fire class B<sub>fl</sub>-s1
- Slip resistance R12
- Displacement space V4
- Various sustainability certificates (DGNB quality level 4, LEED v4)
- External test of conductivity at 50% relative humidity
- Chemical resistance list
- Physiological safety
- Trafficability test

System layer thickness:  
approx. 2-3 mm



Structure **	Product name/details	Application rate
1 Primer	Epoxy ZE 100 p. 42	~ 0.30 kg/m <sup>2</sup>
Scratch coat (optional)	Epoxy ZE 100 + filler e.g. Selectmix 01/03 p. 42 p. 60	~ 0.50 kg/m <sup>2</sup> ~ 0.50 kg/m <sup>2</sup>
2 Earth connection	Copper Tape p. 57	~ 0.10 m/m <sup>2</sup>
3 Conducting layer	Epoxy Conductive (LE) p. 57	~ 0.15 kg/m <sup>2</sup>
4 Flow coating	Epoxy ZE Color AS p. 54	~ 0.80 kg/m <sup>2</sup>
5 Blinding	Ceramix Conduct 04/08 p. 64	~ 6.00 kg/m <sup>2</sup>
6 Topcoat	Epoxy ZE Color AS p. 54	~ 0.60 - 0.70 kg/m <sup>2</sup>

\*\* Colour matching possible with Epoxy Primer PF



\* For more detailed information, refer to the currently valid Technical Data Sheet/system configurations and the applicable test certificate. Test certificates may only apply to a specific product, meaning that the above-mentioned system is not necessarily part of the certified scope. Different R classes can be achieved by changing the seal coat and blinding material.





# SR FLOOR AS 01

## Slip-resistant, conductive coating

Conductive flow coating on an epoxy resin base with slip-resistant finish to satisfy the requirements of TRGS 727.

### Application

- Automotive industry
- Data centres
- Pharmaceutical industry
- Aviation industry

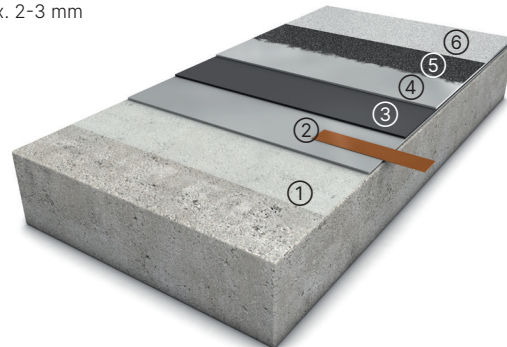
### Properties

- High surface strength
- Easy to apply
- Excellent flow properties
- Durable thanks to high layer thickness
- High surface strength

### Test certificates \*

- Fire class B<sub>fl</sub>-s1
- Slip resistance R12
- Displacement space V4
- External test of conductivity at 40% relative humidity
- Chemical resistance list
- Physiological safety
- Trafficability test

System layer thickness:  
approx. 2-3 mm



Structure **	Product name/details	Application rate
1 Primer	Epoxy ST 100	p. 40 ~ 0.30 kg/m <sup>2</sup>
Scratch coat (optional)	Epoxy ST 100 + filler e.g. Selectmix 01/03	p. 40 ~ 0.50 kg/m <sup>2</sup> p. 60 ~ 0.50 kg/m <sup>2</sup>
3 Earth connection	Copper Tape	p. 57 ~ 0.10 m/m <sup>2</sup>
4 Conducting layer	Epoxy Conductive LE	p. 57 ~ 0.15 kg/m <sup>2</sup>
5 Flow coating	Epoxy AS Color	p. 53 ~ 0.80 kg/m <sup>2</sup>
6 Blinding	Ceramix Conduct 04/08	p. 64 ~ 6.00 kg/m <sup>2</sup>
7 Topcoat	Epoxy AS Color	p. 53 ~ 0.60 - 0.70 kg/m <sup>2</sup>

\*\* Colour matching possible with Epoxy Primer PF



DETAILED SOLUTIONS

# Safety-relevant detailed solutions

System supplements for special  
areas of application





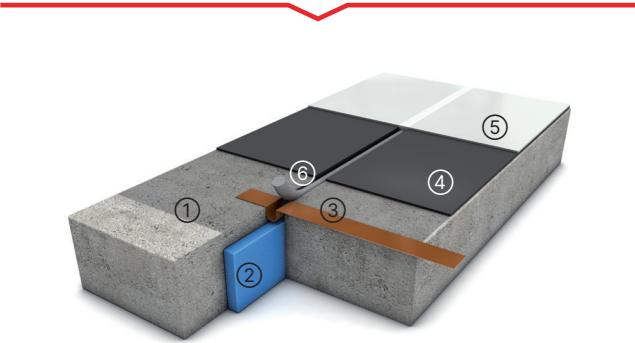
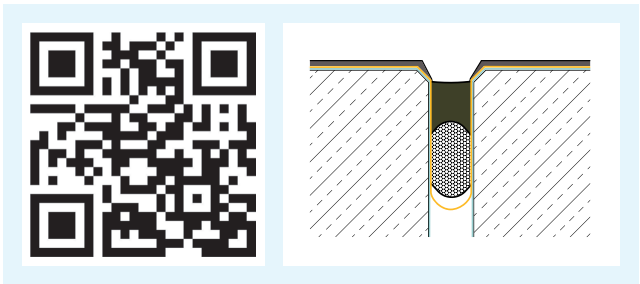




# Expansion joint with earthing elements

## Installing the earthing elements

The expansion joints of large floor areas in particular can quickly become a problem when creating a conductive floor system. With its system for expansion joints, Remmers has the perfect solution for this. The copper strands can be easily integrated into the expansion joints at the specified intervals, thus ensuring that the floor coating is conductive over the entire area.



Structure	Product
1 Primer	Epoxy resin primer
2 Insulating edge strips	
3 Earthing connection	Copper Tape
4 Transverse conducting layer	Epoxy Conductive (LE)
5 Flow coating	ESD/AS product
6 Expansion joint	Round Cord



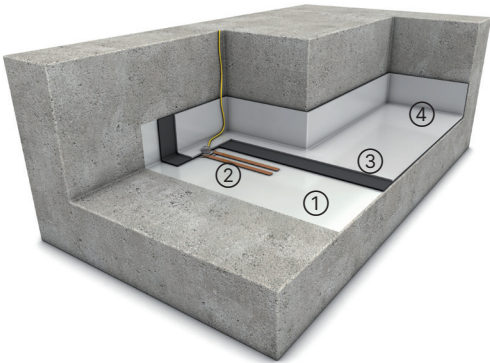


# Remmers Conduction Kit

## For the discharging of electrostatic charges in flooring – earthing point on the floor

The Remmers Conduction Kit is the ideal complement to systems for highly sensitive areas. Using this kit makes it almost impossible to tear off the copper strips and thus provides additional safety in the system.

The total number of connection points depends on the size and geometry of the surface. A maximum spacing of the copper strips of two earthing points per 100 m<sup>2</sup> is recommended, with the connection points located in the immediate vicinity of the earth connection and close to the wall.

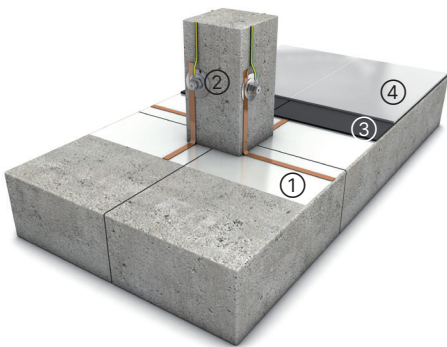


Structure	Product
1 Primer	Epoxy resin primer
2 Earthing connection	Remmers Conduction Kit
3 Transverse conducting layer	Epoxy Conductive (LE)
4 Flow coating	ESD/AS product

# Pillar with earthing elements

## For the discharging of electrostatic charges in flooring – earthing point on a pillar

In large halls, the problem of suitable earthing options for large-format floor panels quickly arises. Remmers has the ideal solution for this – and it's a simple one too. By means of earthing points on the support pillar and the base plates connected with copper strands, all electrostatic charges of the adjacent base plates can be dissipated via the connection to the earth compensation potential.



Structure	Product
1 Primer	Epoxy resin primer
2 Earthing connection	Remmers Conduction Kit
3 Transverse conducting layer	Epoxy Conductive (LE)
4 Flow coating	ESD/AS product





You can find out more  
about cleaning and  
maintenance at  
**[www.remmers.com](http://www.remmers.com)**





# Cleaning & maintenance

## Maintaining value through proper and regular care

### Why is care and maintenance so important?

Proper and regular maintenance protects the floor system and ensures that its value is maintained for a long time. This preserves the appearance of the floor and significantly extends its useful life. Similarly, cleanliness is essential in a conductive or ESD area, because dirt and dust have an insulating effect on the floor and prevent it from carrying out its essential task of discharging the load into the floor. Care must also be taken to use special cleaners for ESD and conductive floors.

They must not leave a film on the surface, otherwise the function of the floor will be impaired.

To support this ongoing process of cleaning, preventive measures should be taken and cleaning specialists consulted at the planning stage. We will be happy to put you in touch with appropriate specialists and send you our cleaning and maintenance instructions.





# Primer products

Primers, mortar resins  
and levelling/base coats





## Recommended products

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### Epoxy ST 100

Transparent priming and mortar resin



### Epoxy MT 100

Fast-acting primer for slightly damp substrates



### Epoxy GL 100

Transparent priming and mortar resin in systems subject to approval



### Epoxy ZE 100

Low-emission priming and mortar resin



### Epoxy Primer PF

Pigmented primer and base layer



### Epoxy BS 2000

Water-based, pigmented primer



### Epoxy BS 4000

Water-based, pigmented levelling layer and base coat



# Epoxy ST 100

Transparent priming and mortar resin

Range of use	<ul style="list-style-type: none"> <li>■ Primer, bonding layer, levelling layer</li> <li>■ Producing compression-resistant mortars, flow coatings</li> <li>■ Base layer for blinded coatings</li> <li>■ Primer in the system Remmers Deck OS 8 classic</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>■ High mechanical durability</li> <li>■ High chemical durability</li> <li>■ Good penetration</li> <li>■ Coating compatibility test</li> <li>■ Free from plasticisers, nonylphenols and alkylphenols</li> <li>■ Physiologically safe in the reacted state</li> <li>■ Can be used as a primer without subsequent blinding under Remmers PU and EP coatings</li> </ul>

Quantity per pallet	168	120				
Packaging unit	1 kg	2.5 kg	10 kg	25 kg	240 kg	720 kg
	MCB	MCB	Tin bucket	Tin bucket	Drum	Drum
Container code	01	03	11	26	71	70
<b>Art. no.</b>						
1160			■	■	■	*
6361	■	■				
*720 kg drums on request						



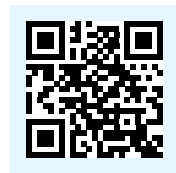
System application	Page
TX TECH 4030	14
TX TECH 4020	15
SL TECH 4010	16
SL TECH 4040	17
SL FLOOR ESD 01	18
SR TECH 4080	19
SL FLOOR AS 01	25
SL TECH 4060	27
SR FLOOR AS 01	31



# Epoxy MT 100

Fast-acting primer for slightly damp substrates

Range of use	<ul style="list-style-type: none"> <li>■ Primer, bonding layer, levelling layer for slightly damp substrates</li> <li>■ Producing compression-resistant mortars, flow coatings</li> <li>■ Base layer for blinded coatings</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>■ Substrate-tolerant up to 6% residual moisture (CM method)</li> <li>■ Good adhesion on weakly absorbent substrates</li> <li>■ Quick setting/overcoating</li> <li>■ Full hardening from +5 °C</li> <li>■ High mechanical durability</li> <li>■ High chemical durability</li> <li>■ Coating compatibility test</li> <li>■ Free from plasticisers and nonylphenols</li> <li>■ Physiologically safe in the reacted state</li> <li>■ Can be used as a primer without subsequent blinding under Remmers PU and EP coatings</li> </ul>



Quantity per pallet	168	120		
Packaging unit	1 kg	2.5 kg	10 kg	25 kg
	MCB	MCB	Tin bucket	Tin bucket
Container code	01	03	11	26
Art. no.				
0936			■	■
6362	■	■		



# Epoxy GL 100

Transparent priming and mortar resin in systems subject to approval

Range of use	<ul style="list-style-type: none"> <li>■ Primer, bonding layer, levelling layer</li> <li>■ Primer in the system SL Floor WHG (AbZ Z-59.12-302)</li> <li>■ Primer in the system SL Floor WHG AS (AbZ Z-59.12-303)</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>■ High mechanical durability</li> <li>■ High chemical durability</li> <li>■ Good penetration</li> <li>■ Free from plasticisers, nonylphenols and alkylphenols</li> <li>■ Physiologically safe in the reacted state</li> <li>■ Can be used as a primer without subsequent blinding under Remmers PU and EP coatings</li> <li>■ Certified sustainability</li> </ul>

Quantity per pallet		
Packaging unit	10 kg	25 kg
	Tin bucket	Tin bucket
Container code	11	26
Art. no.		
1427	■	■



System application	Page
SL Floor WHG AS 01	28
SR Floor WHG AS 01	29



# Epoxy ZE 100

Low-emission priming and mortar resin

Range of use	<ul style="list-style-type: none"> <li>■ Primer, bonding layer, levelling layer</li> <li>■ Producing compression-resistant mortars, flow coatings</li> <li>■ Base layer for blinded coatings</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>■ Free from benzyl alcohols</li> <li>■ Low emissions</li> <li>■ High mechanical durability</li> <li>■ Free from plasticisers, nonylphenols and alkylphenols</li> <li>■ Physiologically safe in the reacted state</li> <li>■ Can be used as a primer without subsequent blinding under Remmers PU and EP coatings</li> </ul>

Quantity per pallet	
Packaging unit	25 kg
	Tin bucket
Container code	26
Art. no.	
6905	■



System application	Page
SL TECH 4110	26
SR TECH 4070	30



# Epoxy Primer PF

Pigmented primer and base layer

Range of use	<ul style="list-style-type: none"> <li>■ Pigmented primer, levelling layer</li> <li>■ Base layer for blinded coatings</li> <li>■ Primer in the systems Remmers Deck OS 8, OS 11a-II, OS 11b-II and the system Remmers Deck OS 10 M</li> <li>■ Primer in the system Remmers Deck OS 14 as per Regulatory Guide-line on Maintenance (draft, 2016)</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>■ High mechanical durability</li> <li>■ Excellent adhesion to concrete and cement screed</li> <li>■ Coating compatibility test</li> <li>■ Free from plasticisers, nonylphenols and alkylphenols</li> <li>■ Physiologically safe in the reacted state</li> <li>■ Can be used as a primer without subsequent blinding under Remmers PU and EP coatings</li> </ul>



Quantity per pallet			
Packaging unit		12 kg	30 kg
		Tin bucket	Tin bucket
Container code		13	31
Art. no.			
1224	silver grey	■	■
1225	light grey	■	■
1226	neutral	■	■

System application	Page
TX FLOOR AS 02	23
TX FLOOR AS 01	24



silver grey



light grey



neutral



# Epoxy BS 2000

Water-based, pigmented primer

Range of use	<ul style="list-style-type: none"> <li>■ Primer in Remmers WDD systems</li> <li>■ Bonding layer on stable, sanded old epoxy coatings and ceramic coverings</li> <li>■ System component in TÜV PROFICERT-product interior certified systems (707106482-1, -5)</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>■ Excellent adhesion on many substrates</li> <li>■ Water vapour diffusible</li> <li>■ Free from plasticisers, nonylphenols and alkylphenols</li> <li>■ Physiologically safe in the reacted state</li> </ul>

Quantity per pallet		150			
Packaging unit		1 kg	5 kg	10 kg	25 kg
		Tin bucket	Tin bucket	Tin bucket	Tin bucket
Container code		01	06	11	26
Art. no.					
6012	light grey	■	■	■	■
6014	silver grey	■	■	■	■
6013	pebble grey	■	■	■	■
6015	stone grey	■	■	■	■
6016	basalt grey	■	■	■	■



pebble grey



silver grey



light grey



stone grey



basalt grey



System application	Page
TC FLOOR WDD AS	22



# Epoxy BS 4000

Water-based, pigmented levelling layer and base coat

Range of use	<ul style="list-style-type: none"> <li>■ Primer in Remmers WDD systems</li> <li>■ Levelling and base layer in Remmers WDD systems</li> <li>■ Primer and base coat in the systems Remmers Deck OS 8 WD and Deck OS 8 WD-LE</li> <li>■ System component in TÜV PROFICERT-product interior certified systems (707106482-1, -5)</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>■ Highly fillable</li> <li>■ Ideal base for even flake coatings</li> <li>■ Water vapour diffusable</li> <li>■ Freeze/thaw resistant</li> <li>■ System tested against backfacing water</li> <li>■ Coating compatibility test</li> <li>■ Free from plasticisers, nonylphenols and alkylphenols</li> <li>■ Physiologically safe in the reacted state</li> </ul>

Quantity per pallet			
Packaging unit		10 kg	25 kg
		Tin bucket	Tin bucket
Container code		11	26
Art. no.			
6321	pebble grey	■	■
6322	silver grey	■	■
6323	light grey	■	■
6320	special colours > 200 kg	■	■



pebble grey



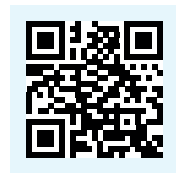
silver grey



light grey



special colours from 200 kg



System application	Page
TC FLOOR WDD AS	22





# Products for ESD/AS systems

Textured and hard grain coatings as well as  
conductive and durable coatings



## Recommended products



### Epoxy TX Color ESD

Pigmented,  
ESD-compliant  
textured coating



### Epoxy SIC Color ESD

ESD hard grain coating



### Epoxy ESD Color 2K

ESD-compliant coating



### Epoxy ESD Color 3K

ESD-compliant coating



### Epoxy AS Color

Conductive coating



### PUR Uni Color AS

Tough conductive coating



### Epoxy WHG Color AS

Conductive, chemically  
resistant, crack-bridging  
coating



### Epoxy ZE Color AS

Conductive low-emission  
coating



# PUR Aqua Top ESD

## Aqueous ESD seal coat

Range of use	<ul style="list-style-type: none"> <li>Sealant in conductive or ESD-compliant systems</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Pigmented</li> <li>Conductive/ESD-compliant</li> <li>UV stable</li> <li>Matt</li> </ul>

Quantity per pallet		
Packaging unit		16.5 kg
		Tin bucket
Container code		17
Art. no.		
6696	special colour PG I	■
6697	special colour PG II	■
6698	special colour PG III	■
<b>Please note!</b> Only the following RAL colours are available in the respective price groups (PG):		
<b>Price group I:</b> 1001, 1002, 1011, 1014, 1019, 3009, 7000, 7001, 7004, 7005, 7008, 7011, 7012, 7015, 7016, 7021, 7022, 7023, 7024, 7030, 7031, 7032, 7033, 7035, 7037, 7038, 7039, 7040, 7042, 7043, 7044, 7045, 7046, 7047, 9011, 9017		
<b>Price group II:</b> 1003, 1004, 1005, 1012, 1021, 1023, 1032, 1034, 2000, 3005, 3007, 3011, 3013, 3014, 4009, 5005, 5008, 5012, 5014, 5015, 5017, 5019, 5023, 5024, 6010, 6011, 6019, 6021, 6027, 6034, 8004, 8019, 8023		
<b>Price group III:</b> (other RAL colours available on request) 1006, 1018, 1028, 2001, 2010, 3000, 3002, 3003, 3016, 3020, 5002, 5007, 5009, 5010, 5018, 5021, 6001, 6002, 6016, 6017, 6024		



special colours



System application	Page
SL TECH 4040	17
SL TECH 4060	27

# Epoxy TX Color ESD

Pigmented, ESD-compliant textured coating

Range of use	■ Textured coating		
Property profile	<div><div>■ Conductive/ESD-compliant</div><div>■ Slip-resistant</div><div>■ High mechanical durability</div><div>■ High chemical durability</div><div>■ Physiologically safe in the reacted state</div></div>		
Quantity per pallet			
Packaging unit		25 kg	
		Tin bucket	
Container code		26	
Art. no.	Art. no.		
6665	special colours from 100 kg	■	



special colours from 100 kg



System application	Page
TX TECH 4030	14

# Epoxy SIC Color ESD

ESD hard grain coating

Range of use	<ul style="list-style-type: none"><li>■ Textured hard grain coating</li><li>■ Conductive textured coating</li></ul>
Property profile	<ul style="list-style-type: none"><li>■ Slip-resistant</li><li>■ Conductive/ESD-compliant</li><li>■ Wear resistant</li><li>■ High mechanical durability</li><li>■ High chemical durability</li><li>■ Physiologically safe in the reacted state</li></ul>
Quantity per pallet	
Packaging unit	25 kg
	Tin bucket
Container code	26
Art. no.	
6838	special colours > 100 kg ■



special colours from 100 kg



System application	Page
TX TECH 4020	15



# Epoxy ESD Color 2K

## ESD-compliant coating

Range of use	<ul style="list-style-type: none"> <li>Flow coating for ESD protected areas</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Conductive/ESD-compliant</li> <li>High mechanical durability</li> <li>High chemical durability</li> <li>Suitable for hand pallet trucks and industrial trucks</li> <li>Physiologically safe in the reacted state</li> </ul>

Quantity per pallet		
Packaging unit		25 kg
		Tin bucket
Container code		26
Art. no.		
6687	light grey	■
6686	special colours from 100 kg	■



light grey



special colours from 100 kg



System application	Page
SL TECH 4010	16
SR TECH 4080	19

# Epoxy ESD Color 3K

## ESD-compliant coating

Range of use	<ul style="list-style-type: none"> <li>Flow coating for ESD protected areas</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Conductive/ESD-compliant</li> <li>High mechanical durability</li> <li>High chemical durability</li> <li>Can be made slip-resistant</li> <li>Suitable for hand pallet trucks and industrial trucks</li> <li>Physiologically safe in the reacted state</li> </ul>

Quantity per pallet		
Packaging unit		30 kg
		Tin bucket + sack
Container code		31
Art. no.		
6668	Special colours > 150 kg	■



Special colours from 150 kg



System application	Page
SL FLOOR ESD 01	18



# Epoxy BS 3000 AS

Conductive, pigmented seal coat

Range of use	■ Seal coat in conductive systems	
Property profile	■ Water vapour diffusible ■ Silk gloss ■ Conductive ■ Physiologically safe in the reacted state	
Quantity per pallet		
Packaging unit	10 kg	25 kg
	Tin bucket	Tin bucket
Container code	11	26
Art. no.		
6394	special colours > 100 kg	■
		■




special colours from 100 kg



System application	Page
TC FLOOR WDD AS	22

# Epoxy TX Color AS

Pigmented, conductive textured coating

Range of use	<ul style="list-style-type: none"><li>▪ Textured coating</li></ul>
Property profile	<ul style="list-style-type: none"><li>▪ Slip-resistant</li><li>▪ High mechanical durability</li><li>▪ High chemical durability</li><li>▪ Physiologically safe in the reacted state</li></ul>
Quantity per pallet	
Packaging unit	25 kg
	Tin bucket
Container code	26
Art. no.	
6816	special colours > 100 kg 



special colours from 100 kg



System application	Page
TX FLOOR AS 02	23



# Epoxy SIC Color

## Hard grain coating

Range of use	<ul style="list-style-type: none"><li>■ Textured hard grain coating</li><li>■ Conductive textured coating</li></ul>
Property profile	<ul style="list-style-type: none"><li>■ Slip-resistant</li><li>■ Conductive</li><li>■ Wear resistant</li><li>■ High mechanical durability</li><li>■ High chemical durability</li><li>■ Physiologically safe in the reacted state</li></ul>

Quantity per pallet		
Packaging unit	10 kg	25 kg
	Tin bucket	Tin bucket
Container code	10	26
Art. no.		
6841	pebble grey	■
6842	silver grey	■
6843	light grey	■
6840	special colours > 100 kg	■



pebble grey



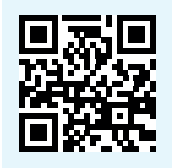
silver grey



light grey



special colours from 100 kg



System application	Page
TX FLOOR AS 01	24

# Epoxy AS Color

## Conductive coating

Range of use	<ul style="list-style-type: none"> <li>Electrically conductive coating</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Conductive</li> <li>High mechanical durability</li> <li>High chemical durability</li> <li>Optional slip resistance (in system)</li> <li>Suitable for hand pallet trucks and industrial trucks</li> </ul>

Quantity per pallet		
Packaging unit	10 kg	25 kg
	Tin bucket	Tin bucket
Container code	11	26
Art. no.		
6976	light grey	■
6975	special colours > 100 kg	■



light grey



special colours from 100 kg



System application	Page
SL TECH 4040	17
SL FLOOR AS 01	25
SR FLOOR AS 01	31

# PUR Uni Color AS

## Tough conductive coating

Range of use	<ul style="list-style-type: none"> <li>Electrically conductive coating</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Tough coating</li> <li>Electrically conductive</li> <li>Suitable for hand pallet trucks and industrial trucks</li> <li>Physiologically safe in the reacted state</li> </ul>

Quantity per pallet		
Packaging unit	10 kg	25 kg
	Tin bucket	Tin bucket
Container code	11	26
Art. no.		
6789	special colours > 100 kg	■



special colours from 100 kg



System application	Page
SL TECH 4060	27



# Epoxy ZE Color AS

Conductive low-emission coating

Range of use	<ul style="list-style-type: none"> <li>Electrically conductive coating</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Free from benzyl alcohols</li> <li>Low emissions</li> <li>Electrically conductive</li> <li>High mechanical durability</li> <li>High chemical durability</li> <li>Suitable for hand pallet trucks and industrial trucks</li> </ul>

<b>Quantity per pallet</b>		
<b>Packaging unit</b>	<b>25 kg</b>	
	Tin bucket	
<b>Container code</b>	26	
<b>Art. no.</b>		
6907	special colours > 100 kg	■



special colours from 100 kg

# Epoxy WHG Color AS

Conductive, chemically resistant, crack-bridging coating

Range of use	<ul style="list-style-type: none"> <li>Conductive, chemically resistant, crack-bridging coating</li> <li>Coating in the system SL Floor WHG AS (AbZ Z-59.12-303)</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Conductive</li> <li>Static crack-bridging</li> <li>High chemical resistance</li> <li>Fire resistant</li> <li>Suitable for hand pallet trucks and industrial trucks</li> </ul>

<b>Quantity per pallet</b>			
<b>Packaging unit</b>	<b>10 kg</b>	<b>25 kg</b>	
	Tin bucket	Tin bucket	
<b>Container code</b>	11	26	
<b>Art. no.</b>			
1431	pebble grey	■	■
1432	light grey	■	■
1435	special colours > 100 kg	■	■



pebble grey



light grey



special colours from 100 kg



System application	Page
SL TECH 4110	26
SR TECH 4070	30



System application	Page
SL Floor WHG AS 01	28
SR Floor WHG AS 01	29



# Epoxy WHG Color

Chemically resistant, crack-bridging coating

Range of use	<ul style="list-style-type: none"><li>Chemically resistant, crack-bridging coating</li><li>Coating in the system SL Floor WHG (AbZ Z-59.12-302)</li></ul>
Property profile	<ul style="list-style-type: none"><li>Static crack-bridging</li><li>High chemical resistance</li><li>Fire resistant</li><li>Suitable for hand pallet trucks and industrial trucks</li></ul>

Quantity per pallet				
Packaging unit		10 kg	25 kg	
		Tin bucket	Tin bucket	
Container code		11	26	
Art. no.				
1425	light grey	■	■	
1428	pebble grey	■	■	
1429	special colours > 100 kg	■	■	



light grey



pebble grey



special colours from 100 kg



System application	Page
SR FLOOR WHG AS 01	29





# Epoxy Conductive

## Water-based transverse conducting layer

Range of use	<ul style="list-style-type: none"> <li>Transverse conducting layer in conductive Remmers systems</li> <li>Transverse conducting layer in SL Floor WHG AS (AbZ Z-59.12-303)</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Electrically conductive (&lt; 10 kΩ)</li> </ul>

Quantity per pallet		
Packaging unit	10 kg	
	Tin bucket	
Container code	11	
Art. no.		
6671	black	■



black



System application	Page
SL TECH 4010	16
SL TECH 4040	17
SL FLOOR ESD 01	18
SR TECH 4080	19
TC FLOOR WDD AS	22
TX FLOOR AS 02	23
TX FLOOR AS 01	24
SL FLOOR AS 01	25
SL TECH 4110	26
SL TECH 4060	27
SL FLOOR WHG AS 01	28
SR FLOOR WHG AS 01	29
SR TECH 4070	30
SR FLOOR AS 01	31

# Epoxy Conductive VDE

## Water-based transverse conducting layer for areas according to VDE 0100-410

Range of use	<ul style="list-style-type: none"> <li>Horizontal transverse conducting layer</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Electrically conductive</li> <li>Low emissions</li> <li>Satisfies the requirements of DIN VDE 0100-410 in the Remmers systems SL FLOOR ESD 01 and SL TECH 4010</li> <li>Good adhesion properties</li> </ul>

Quantity per pallet		
Packaging unit	10 kg	
	Tin bucket	
Container code	11	
Art. no.		
6703		■



System application	Page
SL TECH 4110	26

# Epoxy Conductive LE

Water-based transverse conducting layer

Range of use	<ul style="list-style-type: none"> <li>Transverse conducting layer in conductive Remmers systems</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Electrically conductive</li> <li>Coating compatibility test</li> <li>Low emissions</li> </ul>
<b>Quantity per pallet</b>	
Packaging unit	10 kg
	Tin bucket
Container code	11
Art. no.	
6701	black



black



System application	Page
SL TECH 4010	16
SL TECH 4040	17
SL FLOOR ESD 01	18
SR TECH 4080	19
TC FLOOR WDD AS	22
TX FLOOR AS 02	23
TX FLOOR AS 01	24
SL FLOOR AS 01	25
SL TECH 4110	26
SL TECH 4060	27
SL FLOOR WHG AS 01	28
SR FLOOR WHG AS 01	29
SR TECH 4070	30
SR FLOOR AS 01	31



# Copper Tape

Self-adhesive copper tape

Range of use	<ul style="list-style-type: none"> <li>System component in electrically conductive systems</li> <li>Copper tape in the system SL Floor WHG AS (AbZ Z-59.12-303)</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Self-adhesive</li> </ul>
<b>Quantity per pallet</b>	
Packaging unit	1 × 25 m
	Roll
Container code	02
Art. no.	
4551	



System application
All ESD/AS coatings



OUR PRODUCT RANGE

# Special and supplementary products

Decorative blinding materials, quartz sands, fillers and tools



## Recommended products



### **Remmers Conduction Kit**

Kit for 10 earthing points



### **Selectmix 01/03**

Fire-dried quartz sand



### **Mica GHL 3/0**

Mineral blinding material



### **ADD 150**

Polymer granules



### **Selectmix SBL DF**

Filler mixture with special aggregate grading curve



### **Ceramix Conduct 04/08**

Conductive quartz sand



### **Epoxy Quick Fix**

Fast-reacting synthetic resin mortar



### **Epoxy CF 100**

Set for frictionally coupled crack filling



# Selectmix 01/03

Fire-dried quartz sand

Range of use	■ Filler for suitable Remmers systems
Property profile	■ Washed ■ Fire-dried
Quantity per pallet	42
Packaging unit	25 kg Paper bag
Container code	25
Art. no.	
4405	■



System application	Page
TX TECH 4030	14
TX TECH 4020	15
SL TECH 4010	16
SL TECH 4040	17
SL FLOOR ESD 01	18
SR TECH 4080	19
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TX FLOOR AS 01	24
SL FLOOR AS 01	25
SL TECH 4110	26
SL TECH 4060	27
SL FLOOR WHG AS 01	28
SR FLOOR WHG AS 01	29
SR TECH 4070	30
SR FLOOR AS 01	31



# Selectmix SBL DF

Filler mixture with special aggregate grading curve

Range of use	<ul style="list-style-type: none"> <li>Special filler for suitable Remmers epoxy resin systems</li> </ul>	
Property profile	<ul style="list-style-type: none"> <li>High degree of filling possible even at low layer thicknesses</li> <li>Generates very little dust</li> </ul>	
Quantity per pallet	70	63
Packaging unit	10 kg	15 kg
	Paper bag	Paper bag
Container code	10	15
Art. no.		
6751	■	■



System application	Page
TC FLOOR WDD AS	22

# Selectmix 0/10

Filler mixture with special aggregate grading curve

Range of use	<ul style="list-style-type: none"> <li>Special filler for suitable Remmers systems</li> <li>Hollow cove mortar</li> <li>Repair mortar</li> </ul>	
Property profile	<ul style="list-style-type: none"> <li>Universal</li> <li>For achieving high strengths</li> <li>Easy to smooth and self-compacting</li> </ul>	
Quantity per pallet	52	
Packaging unit	10 kg	
	Plastic bucket	
Container code	10	
Art. no.		
6750	■	





# Remmers Conduction Kit

Kit for 10 earthing points

Range of use	<ul style="list-style-type: none"><li>■ For the discharging of electrostatic charges in flooring</li><li>■ Kit for creating 10 connection points</li></ul>
Property profile	<ul style="list-style-type: none"><li>■ <b>Conduction Kit contains:</b><ul style="list-style-type: none"><li>- 10 dowels S8 × 40,</li><li>- 10 hexagon nuts M6,</li><li>- 10 self-locking hexagon nuts M6,</li><li>- 10 washers Ø 55 mm,</li><li>- 10 washers Ø 30 mm,</li><li>- 10 hexagon socket screws M6,</li><li>- 10 cable lugs,</li><li>- 20 self-adhesive copper strands,</li><li>- 1 Allen key,</li><li>- 1 SDS drill bit Ø 8 mm.</li></ul></li></ul>
Packaging unit	1 pc Box
Container code	01
Art. no.	
4933	■



# Earthing Kit

System component in electrically conductive systems

Range of use	<ul style="list-style-type: none"><li>■ Connection and inspection point with 2m conductive copper strip</li></ul>
Property profile	<ul style="list-style-type: none"><li>■ Component in conductive Remmers systems</li></ul>
Quantity per pallet	500
Packaging unit	1 pc Kit in box
Container code	01
Art. no.	
6066	■



# Add 150

## Polymer granules

Range of use	■ Polymer granules for producing slip-resistant sealants
Property profile	■ Colour-neutral ■ Easy to mix in

Quantity per pallet	480
Packaging unit	0.25 kg Can
Container code	83
Art. no.	
6660	■



# Add 250

## Polymer granules

Range of use	■ Polymer granules for producing slip-resistant sealants
Property profile	■ Colour-neutral ■ Easy to mix in

Quantity per pallet	480
Packaging unit	0.25 kg Can
Container code	83
Art. no.	
6271	■





# Mica GHL 3/0

Mineral blinding material

Range of use	<ul style="list-style-type: none"> <li>Targeted blinding for Remmers floor coatings</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Creates surface texture</li> </ul>
<b>Quantity per pallet</b>	<b>44</b>
<b>Packaging unit</b>	<b>2.5 kg</b>
	Plastic bucket
<b>Container code</b>	03
<b>Art. no.</b>	
6742	■



System application	Page
SL TECH 4010	16
SL FLOOR ESD 01	18
SL FLOOR AS 01	25
SL TECH 4110	26
SL FLOOR WHG AS 01	28

# Ceramix Conduct 04/08

Conductive quartz sand

Range of use	<ul style="list-style-type: none"> <li>Component in conductive Remmers systems</li> <li>Scattering granules for creating conductive, slip-resistant floor coatings</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>Electrically conductive</li> <li>Dust-free</li> <li>Slip-resistant</li> </ul>
<b>Quantity per pallet</b>	<b>40</b>
<b>Packaging unit</b>	<b>25 kg</b>
	Paper bag
<b>Container code</b>	25
<b>Art. no.</b>	
6646	■



System application	Page
SR TECH 4080	19
SR TECH 4070	30
SR FLOOR AS 01	31

# ESD blinding material coarse (SIC 04)

Conductive hard material

Range of use	▪ Blinding material in Remmers systems
Property profile	▪ Electrically conductive ▪ Dust-free ▪ Abrasion-resistant ▪ Grain size: 0.6 – 1.0 mm
Quantity per pallet	40
Packaging unit	25 kg Paper bag
Container code	25
Art. no.	
6673	■



System application	Page
SR FLOOR WHG AS 01	29

# ESD blinding material fine (SIC 03)

Conductive hard material

Range of use	▪ Blinding material in Remmers systems
Property profile	▪ Electrically conductive ▪ Dust-free ▪ Abrasion-resistant ▪ Grain size: 0.25 – 0.45 mm
Quantity per pallet	40
Packaging unit	25 kg Paper bag
Container code	25
Art. no.	
6683	■





# V 101

## Cleaning and thinning agent

Range of use	<ul style="list-style-type: none"> <li>■ Universal solvent for thinning and cleaning reactive resins that have not yet reacted</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>■ Good cleaning action</li> <li>■ Good thinning action</li> </ul>

Quantity per pallet	360	84	50	24
Packaging unit	1 l	5 l	10 l	30 l
	Tin canister	Tin canister	Tin canister	Tin canister
Container code	01	05	10	30
Art. no.				
0978	■	■	■	■



# Epoxy CF 100

## Set for frictionally coupled crack filling

Range of use	<ul style="list-style-type: none"> <li>■ Frictionally coupled filling of cracks and dummy joints</li> </ul>
Property profile	<ul style="list-style-type: none"> <li>■ Very fast setting</li> <li>■ Sets at low temperatures</li> <li>■ Good penetration</li> </ul>

Quantity per pallet	120
Packaging unit	1.5 kg
	Complete set
Container code	01
Art. no.	
6089	■

Note: Set consists of 0.5 kg epoxy resin in mixing bag, 1.0 kg quartz sand, 10 screed clamps, 1 injection aid, 1 pair disposable gloves



# Epoxy Quick Fix

Fast-reacting synthetic resin mortar

Range of use	<ul style="list-style-type: none"><li>■ Hollow and triangular coves</li><li>■ Filling and repairing missing and broken-out areas</li><li>■ Producing sills and transitions</li></ul>
Property profile	<ul style="list-style-type: none"><li>■ Pre-packaged set including primer</li><li>■ Fast setting</li><li>■ Sets at low temperatures</li><li>■ Easy to apply</li></ul>

Quantity per pallet	33
Packaging unit	10 kg Plastic bucket
Container code	10
Art. no.	
6272	■
Note: Set consists of 1.0 kg epoxy resin in mixing bag, 9.0 kg special filler, 1 brush and 1 pair of disposable gloves in mixing bucket	





# Product overview

Add 150	63	Epoxy ESD Color 2K	50
Add 250	63	Epoxy ESD Color 3K	50
Ceramix Conduct 04/08	64	Epoxy GL 100	42
Copper Tape	57	Epoxy MT 100	41
Earthing Kit	62	Epoxy Primer PF	43
Epoxy AS Color	53	Epoxy Quick Fix	67
Epoxy BS 2000	44	Epoxy SIC Color	52
Epoxy BS 3000 AS	51	Epoxy SIC Color ESD	49
Epoxy BS 4000	45	Epoxy ST 100	40
Epoxy CF 100	66	Epoxy TX Color AS	51
Epoxy Conductive	56	Epoxy TX Color ESD	49
Epoxy Conductive LE	57	Epoxy WHG Color	55
Epoxy Conductive VDE	56	Epoxy WHG Color AS	54



Epoxy ZE 100	42
Epoxy ZE Color AS	54
ESD blinding material fine (SIC 03)	65
ESD blinding material coarse (SIC 04)	65
Mica GHL 3/0	64
PUR Aqua Top ESD	48
PUR Uni Color AS	53
Remmers Conduction Kit	62
Selectmix 01/03	60
Selectmix 0/10	61
Selectmix SBL DF	61
V 101	66



# Functional, economical and decorative

## Floor coatings for practically any application

From large production halls to retail spaces, recreation rooms and offices, we offer highly durable floor coatings for industrial or commercial use. Whether you are looking for an economical and practical solution, or something more decorative – we will help you find the perfect coating system. We offer a 360° all-round service: from the initial consultation to the execution of the work, all the way through to the finished floor.

### Flooring for the food industry

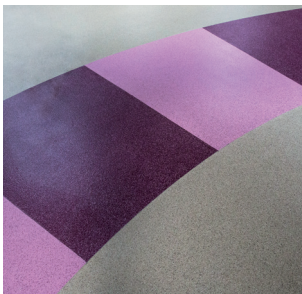
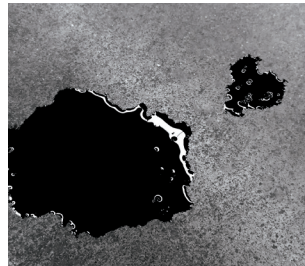
In the food processing industry, high demands are placed on the floor coatings used. The type of stresses that these coatings are exposed to depends on the particular production environment. In the production of dairy products, highly concentrated acids and aggressive media in particular attack the floor covering. In fish and meat processing, heavyweight transport containers exert high point loads on the floor. Large roasters and heavy ovens generate enormous mechanical and thermal stresses in confectionery and bakery production. In drink production and bottling, the permanently wet environment and fluctuating temperatures require durable and non-slip floors. The PU concrete systems from Remmers are the perfect solution and can be flexibly adapted to accommodate the expected loads and stresses. For instance, the surfaces can be finished with a blinding material for texture, giving the floor slip-resistant properties that meet the applicable guidelines for workplaces.



### High performance industrial flooring

Floors that are not used in residential buildings or as roads fall into the category of industrial flooring. In addition to having a guaranteed load-bearing capacity, industrial floorings must exhibit long-term resistance against all manner of stresses, all while requiring only minimal care and maintenance.

The multi-layered high performance industrial floors from Remmers were developed precisely to meet these needs. They offer long-lasting resistance against surface loads and point loads caused by warehouse goods, high-bay shelving and containers, as well as wheel loads from forklift trucks and other vehicles. They also ensure that surfaces exposed to chemicals do not become slippery.



### Decorative design flooring

Decorative design flooring from Remmers offers a wealth of brand new design possibilities for architects, developers and companies. The floor coatings are made from polyurethane and epoxy resin, and every detail of their colour and texturing can be customised. Single-colour flow coatings, exciting colour combinations or eye-catching decorative finishes – with the range of choices on offer, any floor can become a stylish focal point.

In commercial properties such as food retailers and fashion boutiques, as well as in highly visible areas such as offices, conference rooms and foyers, the decorative flooring systems offer high recognition value, optimum walking comfort and improved slip resistance. They are also easy to clean and create a pleasant atmosphere for working and leisure activities alike.

### Car park floors and parking level coatings

Floor coatings in modern car park buildings have to withstand the mechanical and thermal stresses of daily use. In particular, small vibrations that are caused when cars drive over the floor can lead to fine cracks in the concrete. This makes it easier for harmful substances to penetrate into the material, damaging the reinforcing steel and the concrete structure. Water and de-icing salts also put heavy strain on the flooring.

For these reasons, Remmers offers surface protection systems that have been specially tested for these extreme usage conditions and have proven their worth over the years. They can be found in new buildings, as well as in restoration and repair projects where they are used to protect the concrete structure. No matter how large your floor surface, we will install your flooring as quickly as possible so that your car park can be put to use quickly and without complications.













# We get it done so that you can get things done

Whatever you have in mind:

We at Remmers do everything to personally support you, your work, your project, your idea, your vision, to reach your goal.

We never stand still and we always go one step further for you.

We drive tomorrow's products and services forward. And strive for sustainable development. Because we know from over 75 years of experience: Progress comes from getting things done, success comes from getting things done, the future comes from getting things done.

What can we get done for you?

Don't hesitate to get in touch.



**"Never stop  
starting and  
never start  
stopping."**

Guiding principle of  
Bernhard Remmers,  
founder

Remmers is one of the leading specialists for construction chemicals, wood paints and coatings, and industrial coatings. Founded in 1949 by Bernhard Remmers, we are an independent and owner-managed family business to this day. Our head office is located in the German town of Lönningen in the Lower Saxony region – this is where we have our roots. At the same time, we have an international presence with 18 subsidiaries.



**Exceptional range  
of products and  
services**



**Tailored solutions**



**Production in  
Germany**

**≈ 1600**

**Highly qualified  
specialists Europe-  
wide**

## All the extras that we get done for you



**Personal service on  
site**



**Digital services**



**Delivery within 24  
hours in Germany**



**Remmers International  
Guarantee**



**Competence Centres,  
Training and Service  
Centre**



**Bernhard Remmers  
Academy**



**Remmers  
Professional Planning**



**Bernhard Remmers  
Institute for Analytics**

# We get it done!



**We are there for  
you with a fast and  
personal response.**



Find your  
local contact

**Find out what we can  
get done for you:**



Subject to changes. The current version  
of the applicable Technical Data Sheet is  
relevant for legal matters.

Colour variations are possible.

Global contact:

[www.remmers.com/remmers-worldwide](http://www.remmers.com/remmers-worldwide)

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