BUILDING TRUST

PRODUCT DATA SHEET

Sikafloor® Conductive Set

SET WITH 10 EARTHING POINTS

PRODUCT DESCRIPTION

Set with 10 earthing points to connect electrostatic conductive Floor coverings to grounding.

USES

Sikafloor® Conductive Set is used to ground decorative and protective electrostatic conductive floor coverings used in automotive, electronics and pharmaceutical manufacturing, storage facilities and warehouses.

CHARACTERISTICS / ADVANTAGES

- Good durability in terms of mechanical resistance
- Cost effective
- Easy to apply
- Stable connection

PRODUCT INFORMATION

Packaging	1 plastic box with all required single parts for 10 earthing points.
Shelf Life	Unlimited
Storage Conditions	The packaging must be stored properly in original, unopened and undamaged sealed packaging, in dry conditions at temperatures between +5°C and +30°C.
Consumption	Every earthing point is able to conduct approx. 200-300 m². Ensure the longest distance of each earthing point in the area is max. 20 m to the next earthing point. For longer distances, additional earthing plates have to be placed.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

The concrete substrate must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 1.5 N/mm². Repairs to the substrate, filling of blowholes/voids and surface levelling can be carried out using appropriate products from the Sikafloor®, Sikadur® and Sikagard® range of materials. The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc. The concrete or screed substrate has to be primed or levelled in order to achieve an even surface. Unevenness influences the film thickness and thus the conductivity. High spots must be removed by e.g. grinding.
All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by brush and/or vacuum.

APPLICATION

- Prepare and prime the substrate in accordance with the relevant PDS of the uesed system.
- Drill a hole with diameter of 8 mm and a depth of > 50 mm.
- Remove all dust, loose and friable material and in-

serta size 8 dowel. The dowel must be flush with the floor surface.
- Screw the threaded rod with hexagon socket into the plug with an Allen key, so that 16 mm of the threaded rod protrude.
- Glue the copper strips (2 x 10 mm) on both sides of the hole.
- Place the large (D=60 mm) and middle (D=30 mm) washers over the threaded rod and secure with the nut (M6) so that the washers are pressed onto the copper strips with good contact.
- Push the transparent plastic hose over the threaded rod so that the hose fits tightly.
- Apply the conductive primer Sikafloor®-220 W Conductive
- Apply the conductive wearing course.
- After curing of Sikafloor® materials, remove the transparent plastic hose.
- Clean the head of the threaded rod properly. Fix the brass eyelet using the self-locking nut (M 6) at the threaded rod.
- Connect the grounding cable with the brass eyelet.

LIMITATIONS

- The connection of the earthing points to the earthing must be executed and approved by an electrical engineer and in accordance with any relevant local regulations.
- The optimum number of earthing connections depends on the local conditions and should be specified using available drawings.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH: This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w).

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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