

PRODUCT DATA SHEET

Sikafloor® Conductive Set

Earthing kit for electrostatic conductive floors

DESCRIPTION

Sikafloor® Conductive Set is an earthing kit to connect electrostatic conductive floor systems to ground.

USES

Ground connection point for decorative and protective electrostatic conductive flooring systems.

Sikafloor® Conductive Set is used in:

- Automotive facilities
- Electronic facilities and data centres

- Pharmaceutical facilities
- Storage areas
- Warehouses

FEATURES

- Good mechanical resistance
- Electrostatically conductive
- Self-adhesive application allows fast and easy installation
- Economical

PRODUCT INFORMATION

Packaging	10 earthing points supplied in a plastic box. Refer to the current price list for available packaging variations.
Shelf life	12 months from date of production
Storage conditions	The Product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to the packaging.

APPLICATION INFORMATION

Consumption	1 earthing point is able to conduct over a floor area of ~200–300 m². Longest distance of each earthing point to the next earthing point is 20 m maximum. For longer distances, additional earthing points must be provided.
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BASIS OF PRODUCT DATA

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

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Refer to the Product Data Sheet of the relevant primer for the flooring system.

APPLICATION

IMPORTANT

Strictly follow installation and maintenance procedures

Strictly follow installation and maintenance procedures as defined in Method Statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

IMPORTANT

Connection of earthing points

The connection of the earthing points to the earthing ground must be carried out and approved by an electrical engineer and in accordance with any relevant local regulations.

Number of earthing points

Note: The optimum number of earthing connections depends on the local conditions and should be specified using available drawings.

1. When primer has cured, drill a hole: diameter 8 mm, depth > 50 mm.
2. Remove all dust, loose and friable material around drilled hole and insert a size 8 plastic plug. The plug must be flush with the floor surface.
3. Screw the threaded dowel rod with a hexagonal socket into the plastic plug with an Allen key. Dowel rod must extend 16 mm above the floor.
4. Fully bond the copper strips (2 × 10 mm) on both sides of the hole.
5. Place the large (D=60 mm) washer followed by the smaller (D=30 mm) washer over the threaded dowel rod and secure with the nut (M6) so the washers are pressed onto the copper strips ensuring good contact.
6. Push the transparent plastic hose over the threaded dowel rod so the hose fits tightly.
7. Apply the selected Sikafloor® conductive primer and conductive wearing finish ensuring all washers and copper tape are completely covered.
8. After curing of the Sikafloor® products, remove the transparent plastic hose.
9. Clean the head of the threaded dowel rod.
10. Fix the brass eyelet using the self-locking nut (M6) onto the threaded dowel rod.
11. Connect the grounding cable with the brass eyelet.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

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