BUILDING TRUST

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. Suitable for use in hot and tropical climatic conditions.

USES

- Ground connection point for decorative and protective electrostatic conductive flooring systems used in automotive, electronics and pharmaceutical manufacturing, storage facilities and warehouses.

CHARACTERISTICS / ADVANTAGES

- Good mechanical resistance
- Cost effective
- Easy to apply
- Secure connection

PRODUCT INFORMATION

Packaging	10 earthing points supplied in a plastic box. Refer to current price list for packaging variations.
Shelf life	5 years 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 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.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Refer to the appropriate flooring system primer Product Data Sheet.

APPLICATION

Reference must be made to further documentation where applicable, such as relevant method statement, application manual and installation or working instructions.

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.

IMPORTANT CONSIDERATIONS

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

BASIS OF PRODUCT DATA

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 the 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

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ISO 9001 - ISO 14001 OHSAS 18001

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All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and OHSAS 18001.