



PRODUCT DATA SHEET

Sikafloor® Conductive Set

EARTHING KIT FOR ELECTROSTATIC CONDUCTIVE FLOORS

PRODUCT DESCRIPTION

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

WHERE TO USE

Industries currently using these coatings are:

- Electronics
- Data Processing
- Military/aerospace
- Photographic, graphic arts
- Hazard industries (dust or explosion)

CHARACTERISTICS / ADVANTAGES

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

PRODUCT INFORMATION

CSC MasterFormat®

09 67 13.33 | CONDUCTIVE ELASTOMERIC LIQUID FLOORING

Packaging

10 ground point connections 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 to 30 °C (41 °F to 89 °F) . Always refer to packaging.

APPLICATION INFORMATION

Consumption

A minimum of one (1) grounding point per every 93 m² (1,000 ft²) of flooring should be established, with a minimum of two (2) ground point connections for any isolated area less than 93 m² (1,000 ft²) in order to achieve proper dissipation of static electricity.

The maximum distance between ground points is 20 m (65 ft). For longer distances, additional ground points must be provided.

BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

LIMITATIONS

- The connection of the ground 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 ground connections depends on the local conditions and should be specified using available drawings.

ENVIRONMENT, HEALTH & SAFETY

This product is a manufactured article that does not require Safety Data Sheets to be marketed, transported or applied at the jobsite, according to the Hazardous Product Act - Section 2. Based on our current knowledge, this product is not classified as dangerous and does not contain any hazardous materials. Always wear personal protective equipment (including safety goggles and gloves) to manipulate and install Sika® products.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Prepare and prime the substrate in accordance with the relevant Sikafloor® 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 (5/16 in), depth > 50 mm (2 in).
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 (5/8 in) above the floor.

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Sudbury; Toronto (Ontario)
Edmonton (Alberta)
Surrey (British Columbia)

4. Fully bond two (2) copper strips on both sides of the hole.
5. Place the large D = 60 mm (D = 2 3/8 in) washer followed by the smaller D = 30 mm (D = 1 1/8 in) 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

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 exact product data and uses.

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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

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Product Data Sheet

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