BUILDING TRUST

PRODUCT DATA SHEET

Sikafloor®-2017 Earthing Kit

EARTHING KIT FOR CONDUCTIVE & ANTISTATIC FLOORS

DESCRIPTION

An electrostatic charge, which occurs during the contact and separation of bodies or materials, should be discharged via an earthing point if sensitive equipment or products are not to be damaged and personnel are to be safeguarded. Sika® supplies, in addition to the highly regarded Sikafloor® ESD resin systems, the Sikafloor® -2017 Earthing Kit; a unique 'tool box' containing all of the necessary components to establish up to 20 connection points. The following guidelines are intended to provide an understanding of what the Sikafloor® -2017 Earthing Kit consists of, how earthing points are installed and some of the detailing associated with such works. Sikafloor® ESD resin systems are best installed by skilled and experienced contractors (Consult Sika China Ltd.) and the connection of earthing points to the ring-main to ground them must be carried out and certified by a suitably qualified and registered electrical engineer.

USES

All kinds of anti-static floor system. Such as manufacture of LED ,semi-conductive, electronic chips.

CHARACTERISTICS / ADVANTAGES

- Aesthetics
- Mechanical resistance
- Durable

PRODUCT INFORMATION

Packaging	1. Heavy-duty plastic plugs x 20 2. M6 threaded Allen rods x 20 3. Conductive copper tape (~170 mm length) x 40 4. Metal disks 60 mm diameter x 20 5. Metal washers 30 mm diameter x 20 6. M6 metal nuts x 20 7. M6 x 4/6 mm cable lugs x 20 8. M6 self-locking nuts x 20 9. PVC/plastic assembly tube x 20 10. M6 Allen key x 2
Shelf life	60 months
Storage conditions	Original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.

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

APPLICATION INSTRUCTIONS

One earthing point has the capacity to discharge, from a continuous, jointless area of approx. 300 m². The floor space must be divided and earthing points positioned so that the furthest distance between each connection point is no more 10 m. In larger areas with longer distances, additional earthing points must be installed in accordance with the electrical engineer's requirements. Where site conditions or other constraints do not permit the positioning of additional earthing points, then distances greater than 10 m must be bridged with the use of additional copper tape in accordance with relevant specifications. Locate the center of the earthing points (the M8 drilled hole) 40-100 mm away from the wall. There must be at least 2 earthing points per area of 300 m² or less. The optimal number depends on local conditions and regulations and should be clearly detailed by the responsible engineer in accordance with local standards. All earthing points must be connected to an appropriate ring-main to ground/earth them and this work must be undertaken and certified by a suitably qualified and registered electrical engineer.

EQUIPMENT

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

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 can always refer to the most recent version of the local Product Data Sheet for the relevant product, available on our website. The information in any downloaded version is valid as of the time of download.

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