

Sika-Trocal S-TR LC-CLIPS

Hot air and solvent welded Lightning Conductor Clips for Sika-Trocal Roofing Systems

Product Description

The S-TR LC-CLIP 25/3 Bare Tape CW400 and S-TR LC-CLIP 25/3 PVC Tape CW405 are proprietary lightning conductor clips for Sika-Trocal roofing systems. The clips are manufactured from high performance polypropylene, UV stabilized against degradation by sunlight and non-brittle to prevent cold weather damage with an 85mm diameter base made from P-PVC.

The retaining clip is attached to the circular base with a stainless steel nut & bolt. The retaining clip and base come complete as one unit.

The S-TR LC-CLIP 25/3 Bare Tape is for non-coated 25mm x 3mm lightning conductor tape. The S-TR LC-CLIP 25/3 PVC Tape CW405 is for P-PVC coated 25mm x 6mm (overall) lightning conductor tape.

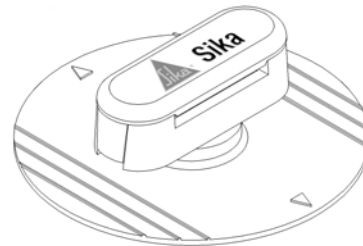
Uses

The proprietary use of lightning protection on Sika-Trocal roofing systems.

Characteristics / Advantages

- Ease of application
- Proprietary solution

Appearance / Colours



Colour – Grey (No RAL reference)

Dimensions – 85mm diameter base, 50mm x 20mm lozenge shaped clip. 25mm high (base & retaining clip).

Packaging

The Sika-Trocal Lightning Conductor Clip is boxed in cardboard in units of 50.

System Information

System Structure

- Accessory for:
- Sika-Trocal membranes
 - Sika-Trocal metal



Application Details

Connection Quality	Sika-Trocal membrane: The membrane surface must be dry and clean.
	Sika Trocal Metal; The metal surface must be dry and clean.

Application Conditions / Limits

Temperature	The use of the Sika-Trocal Lightning Conductor Clip is limited to geographical locations with average monthly minimum temperatures of -50 °C. Permanent ambient temperature during use is limited to +50 °C.
Compatibility	Not resistant to tar, bitumen, oil and some solvent containing materials.

Installation Instructions

Installation Method / Tools	<p>Installation procedure using hot air welding: The surface must be dry and clean. Use an electronic hand held hot air welding gun at 380° and green 40mm silicone roller.</p> <p>Installation procedure using Sika-Trocal THF Welding Agent: The membrane must be dry. Apply the appropriate amount of Sika-Trocal THF Welding Agent and apply pressure to the clip until a sufficient bond is achieved. Refer to the most recent safety data sheet and product data sheet for further information regarding the use of Sika-Trocal THF Welding Agent.</p> <p>In the case of a disc fastened membrane, the clips must be welded to an area of membrane that is directly over a fastened Sika-Trocal Metal disc or profile.</p> <p>For a pressure plate or in-seam fastened membrane, the clips must be welded to the lower membrane sheet and immediately adjacent to the seam itself.</p> <p>For adhered membranes the two above considerations do not apply.</p>
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Notes on Application / Limits

Installation works must be carried out only by a Sika-Trocal Licensed Contactor or Sika-Trocal Licensed Lightning Protection Installer.

Temperature limits for the installation of the membrane:
Substrate temperature: -30 °C min. / +60 °C max.
Ambient temperature: -20 °C min. / +60 °C max.

Special measures may be compulsory for installation below +5 °C ambient temperature due to safety requirements in accordance with national regulations.

Value Base

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

Ecology, Health and Safety Information

The product does not fall within the EC-regulation of hazardous goods. As a result, a material safety data sheet following EC-Guidelines is not required to bring the product to the market, transport or use it. The product does not damage the environment in its own right.



Roofing

Protective Measures

Welding should take place in a well-ventilated area.
Skin contact: Wash with soap and water.
Eye contact: Irrigate with water.
Seek medical advice if any symptom develops.

Transportation Class

The product is not classified as hazardous good for transport.

Disposal

The material is recyclable. Any Disposal must be according to local regulations.

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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