

## TI-S-Z10 6.3

Fastener for fixing insulation boards for use under Sika Liquid Plastics waterproofing membranes

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### Product Description

Stainless steel fastener for mechanical for fixing insulation boards into concrete substrates.

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### Uses

TI-S-Z10 6.3 fasteners are used in combination with the SBT tube & SBIW pressure plate for fixing insulation, into concrete substrates. TI-S-Z10 6.3 fasteners can also be used in conjunction with the appropriate pressure plate.

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### Characteristics / Advantages

- Resistance against common environmental influences
- Ease of application in use with recommended tooling
- Self tapping fastener, pre-drilling is required (where applicable diameter of pre drill hole is indicated by pullout testing)
- Recyclable

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### Tests

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#### Approvals / Standards

- Quality management system EN ISO 9001/14001

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### Product Data

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#### Form

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#### Appearance

Metal

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#### Storage

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#### Storage Conditions

TI-S-Z10 6.3 shall be stored in dry conditions.

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#### Shelf-Life

TI-S-Z10 6.3 does not expire during correct storage.

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### Technical Data

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#### Material Basis

Austenitic stainless steel, grade AISI 204, grade A2

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#### Thread

6.3mm diameter high/low thread form

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#### Head type/drive

- Head diameter 9.8mm
- Head height 3mm
- Drive SQ3

Roofing



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**Corrosion resistance**

15 cycles Kesternich test (concentration SFW 2.0 S in accordance with DIN 50018) according to ETAG 006 - D.3.1.

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<b>Product range</b>	<b>TI-S-Z10 6.3 x length</b>	<b>Packaging Unit (pcs.)</b>	<b>Weight / packaging (kg)</b>
	TI-S-Z10 6.3 x 45	250	2.33
	TI-S-Z10 6.3 x 75	250	3.27
	TI-S-Z10 6.3 x 115	250	4.40

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**System Information****System Structure****Ancillary Products:**

- S-Vap 500E/Joining Tape
  - Decotherm Insulation Board
  - SBT tube/SBIW Insulation Washer
  - Primer 600/Carrier Membrane SA
  - Sika Liquid Plastics Waterproofing System
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**Application  
Conditions / Limits**

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**Temperature** The use of the TI-S-Z10 6.3 fastener is limited to geographical locations with average monthly minimum temperatures of -50 °C. Permanent ambient temperature during use is limited to +50 °C.

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**Installation  
Instructions**

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**Installation method** The TI-S-Z10 6.3 fastener must be installed in accordance with Sika Liquid Plastics instructions.

- The embedment is typically a minimum of 25mm
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**Notes on Installation /  
Limits**

Installation works to be carried out only by Specialist Roofing Contractors.

Temperature limits for installation:

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.

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**Value Base** 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.

**Local Restrictions** Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

**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-Guideline 91/155 EWG is not needed to bring the product to the market, transport or use it. The product does not damage the environment when used as specified.

**Protective Measures** Regulatory safety requirements must be observed.

**Transportation Class** The product is not classified as hazardous good for transport.

**Disposal** The material is recyclable. Any disposal must be according to regulatory requirements.

**Disclaimer** 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.

**Specification assistance** NBS is the industry standard specification system, which allows architects, specifiers and engineers to insert clauses into specifications by manufacturer and product, making the process quicker and more efficient. We are members of NBS Plus and therefore detailed up-to-date product information is readily available to create accurate specifications.

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