

PRODUCT DATA SHEET

Sika® Tricomer Compression Seals

Preformed Tricomer based profiles for covering and closing low movement joints

PRODUCT DESCRIPTION



Sika Tricomer Compression Seals are weather-resistant joint covering or closing profiles made from thermoplastic Tricomer. They are available in different profiles and sizes.

DESIGNATION

Sika joint profile strip [type] [size]

CHARACTERISTICS / ADVANTAGES

- Weather-resistant
- Good UV stability
- High resilience
- Easy to install
- Joint protection against water and heavy rain, but not for complete joint waterproofing

USES

Used for joint covering and closing, mainly in buildings for joints with low movement, but not on exposed façades or areas with vehicular traffic.

Available as:

- Sika Tricomer Compression Seals type F
- Sika Tricomer Compression Seals type MK

Typical uses:

Covering and closing internal and external joints in buildings including:

- Parapets
- Retaining walls (negative side)

STANDARDS / DIRECTIVES

Preformed profile strips for joint covering and closing (not complete waterproofing) without further specific International or National standards, or other defined requirements

CERTIFICATION / APPROVALS

Manufacturer's test certificate, additional certification by agreement

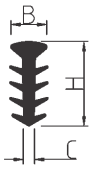

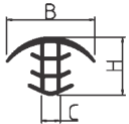


PRODUCT DATA

MATERIAL	Tricomer, a thermoplastic co-polymer based on PVC-P with NBR, bitumen resistant (BV)
COLOUR	Grey
PACKAGING	Sika Tricomer Compression Seals Type F 25 m rolls Sika Tricomer Compression Seals Type MK 25 m rolls
STORAGE	<ul style="list-style-type: none">▪ To be stored on the pallet as supplied or on a sound, flat base▪ Long-term storage ≥ 6 months in enclosed areas: The storage area should be covered, cool, dry, free from dust and moderately ventilated. The Sika Tricomer Compression Seals must be protected from heat and artificial light with a high UV content.▪ Short-term storage > 6 weeks and < 6 months in enclosed areas: As for long-term storage above. On construction sites, outdoors:<ul style="list-style-type: none">- Protected by suitable covers from direct sunlight, snow and ice, or any other form of contamination- Store the Sika Tricomer Joint Profiles separately from any potentially harmful or damaging materials, plant or equipment such as structural steel, steel reinforcement, fuel or vehicles etc.- Store away from trafficked areas and roads on site- In dry storage conditions▪ Short-term storage ≤ 6 weeks On construction sites, outdoors:<ul style="list-style-type: none">- Protected from contamination or damage- Protected from damp and water- Protected by suitable covers from strong sunlight (summer) or snow and ice (winter)

MECHANICAL PROPERTIES

SHORE-A HARDNESS	67 \pm 5 Shore-A	DIN 53505
TENSILE STRENGTH	≥ 10 MPa	DIN EN ISO 527-2
ELONGATION AT MAXIMUM FORCE	$\geq 350\%$	DIN EN ISO 527-2
TEAR PROPAGATION RESISTANCE	≥ 12 N/mm	DIN ISO 34-1
LOW-TEMPERATURE FLEXIBILITY ELONGATION AT -20°C	$\leq 200\%$	DIN EN ISO 527-2
BEHAVIOUR IN FIRE	Class B2	DIN 4102-1

TYPES

Profile Cross-section	Profile Type	Joint width [mm]	Profile width B [mm]	Profile height H [mm]	Profile thickness C [mm]
	F 15	10 - 13	15	35	6
	F 30	13 - 20	30	30	4
	F 35	21 - 25	35	35	5
	F 50/40	22 - 35	50	45	5.5
	F 66/33	20 - 28	66	43	14
	F 80/20	15 - 20	80	50	5
	F 28/30 Angle	17 - 23	21/23	34	5
	MK 20/20	13 - 17	20	22	2
	MK 30/30	20 - 25	30	30	3
	MK 40/40	30 - 35	40	40	4

PROFILE SELECTION

For joint covering: Sika Tricomer Type F, type F 28/30 Angle for joints in mouldings Profile size dependent on joint width

For joint closing: Sika Tricomer Type MK, profile size dependent on joint width

SYSTEM DATA

GENERAL

The Sika Tricomer Compression Seals are used as closures for joints with low movement and without impermeability requirements.

SECTIONS

Angles, T-pieces and cross-pieces are easily cut to size and fit on site from the rolls supplied and simply butt jointed together in the joints.

DOCUMENTATION

Manufacturer's test certificates, additional certification by agreement

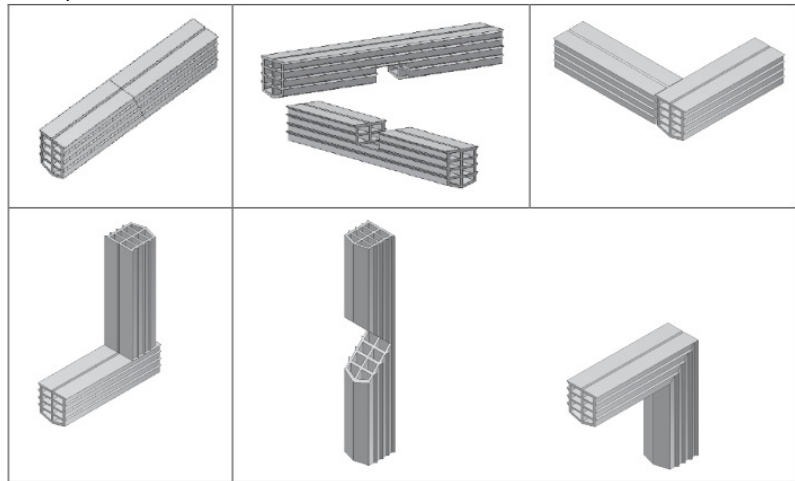
HANDLING AND INSTALLATION

- Careful handling and moving on site
- Installation only at substrate and product temperatures $\geq 0^{\circ}$
- Check for possible damage before installation
- Make butt connections on site by cutting to size and fit
- Easy installation and fixing on one side with the Sika MK Assembly Adhesive

Note: The Sika Tricomer Compression Seals must not be stretched to fit.-

BUTT JOINTS

Examples



ACCESSORIES

SikaBond AT Universal: Supplied in 300 ml cartridges
Use as an aid to installation and for fixing/bonding the profiles on one side of a joint where required. Apply in accordance with the Sika MK Product Data Sheet - Directions for use

IMPORTANT INFORMATION

ECOLOGY, HEALTH AND SAFETY INFORMATION

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

VALUE BASE

All technical data stated in the Product Data Sheet are based on laboratory tests. Actual measured data may vary from country to country. Please consult the Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The above 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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Product Data Sheet
Sika Tricomer Compression Seals
Valid from: 30.09.2015
Code: E 4000