



PRODUCT DATA SHEET

SikaCem® Concrete Expansion Joint

Concrete expansion joint

PRODUCT DESCRIPTION

SikaCem® Concrete Expansion Joint is a closed-cell, non-crosslinked polyethylene foam expansion joint for concrete slabs. It serves as a joint filler in concrete construction to provide separation, allow controlled movement, and help prevent cracking or pressure against adjacent walls and slabs, offering a durable alternative to traditional asphalt and fiber expansion joints. Flexible and easy to handle, it can be cut to length on site and features a built-in tear-off strip for optional caulking after the concrete has cured.

WHERE TO USE

SikaCem® Concrete Expansion Joint is used in concrete construction for sidewalks, driveways, patios, floor slabs, parking areas, and other standard concrete surfaces. It can also be installed between concrete and dissimilar materials, such as columns, manhole covers, or adjacent structures.

CHARACTERISTICS / ADVANTAGES

- Closed-cell, non-absorbent polyethylene foam
- Durable and resistant to common oils and chemicals
- Flexible; resists cracking around curves and columns
- Built-in tear-off strip
- Lightweight
- Easy to handle and cut on site
- Suitable for residential and commercial use

APPROVALS / CERTIFICATES

Exceeds standards ASTM D4819 / ASTM D3575

PRODUCT INFORMATION

Composition / Manufacturing	Non-Crosslink Polyethylene foam	
Packaging	15.25 m (50 ft) roll, 15 rolls per bag	
Colour	Grey	
Shelf Life	N/A	
Storage Conditions	Store in a dry place, off the floor, in original packaging, protected from sunlight and heat.	
Density	27 kg/m ³ (1.7 lb/ft ³) nominal	(ASTM D3575)
Length	15.25 m (50 ft)	



TECHNICAL INFORMATION

Compressive Strength	103 kPa (14.9 psi) at 50 %	(ASTM D545)
Elastic Recovery	97.8 %	(ASTM D545)
Resistance to Tear	2.4 kN/m (14 lb/in) MD / 4.1 kN/m (24 lb/in) CMD	(ASTM D3575, Suffix G)
Water Absorption	0.005 kg/m ² (0.001 lb/ft ²)	(ASTM 545)
Yield	Fills a space approximately 15.25 m (50 ft) x 10 cm (4 in)	

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.

Note: The values provided represent typical product characteristics and are not to be interpreted as specification limits.

ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

Unroll and cut the SikaCem® Concrete Expansion Joint to the required length. Position it between the forms or against adjacent materials (e.g., existing concrete, masonry, or block) prior to placing concrete. Secure in place using suitable methods such as construction adhesive, nails, or staples, ensuring the top of the joint aligns with the top of the planned concrete pour.

The SikaCem® Concrete Expansion Joint includes a built-in tear-off strip. Position the strip upward if caulking is intended after the concrete has cured, or downward if no caulking is planned. Once the concrete has set, remove the tear-off strip as needed and apply a compatible caulking material to seal the joint if required.

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

Sika Canada Inc.

Head Office
601, avenue Delmar
Pointe-Claire, Quebec
H9R 4A9
1-800-933-SIKA
www.sika.ca

Other locations

Boisbriand (Quebec)
Brantford; Cambridge;
Sudbury; Toronto (Ontario)
Edmonton (Alberta)
Surrey (British Columbia)

Product Data Sheet

SikaCem® Concrete Expansion Joint
April 2026, Version 01.01
021405131000247654

