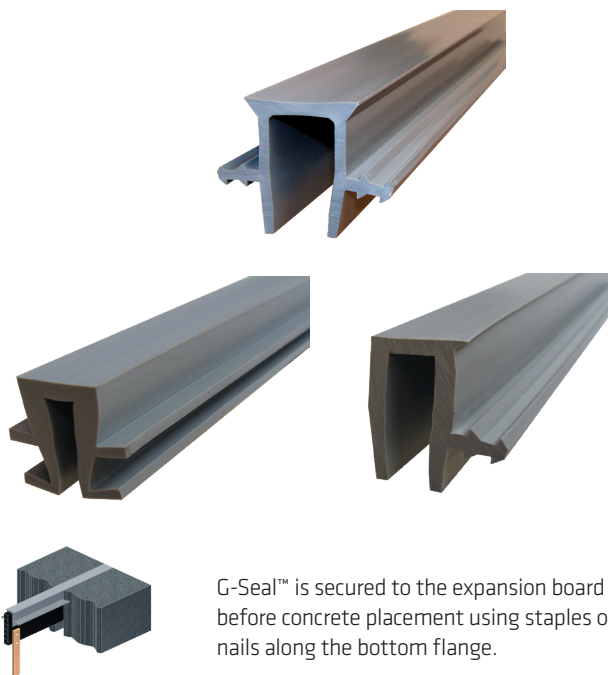




CONCRETE ACCESSORIES
G-Seal™ MODIFIED PVC
PAVING CAP SEAL

G-Seal™ PAVING CAP SEAL FEATURES AND BENEFITS

G-Seal™ IS A DURABLE, MODIFIED PVC PAVING CAP SEAL PLACED OVER EXPANSION BOARD MATERIAL TO PROVIDE A LONG-LASTING, MAINTENANCE FREE JOINT SEAL



G-Seal™ is secured to the expansion board before concrete placement using staples or nails along the bottom flange.

G-Seal™ FEATURES

- Unique PVC formulation designed to withstand harsh environments
- No special installation tools required
- Standard, retrofit and screed cap profiles available
- Available in 10 foot pieces or 50 foot rolls
- Produced in gray to blend with concrete
- Abrasion resistant

G-Seal™ ADVANTAGES

- Virtually maintenance free
- Allows joint movement without failure
- Easy installation regardless of weather
- Creates clean joint appearance
- Forms mechanical bond in concrete
- Significant cost savings over life of product
- Creates a debris shield
- Easily used in radius forming applications
- Factory made fabrications are available

Unlike traditional sealants G-Seal™ is installed prior to concrete placement and forms a mechanical bond once the concrete work has been completed.

G-Seal™ creates a clean, smooth joint for a very neat appearance and is designed to give years of service. Traditional sealants can rip, shred and protrude from the joint that leads to continued need for maintenance that is not required with G-Seal™. This leads to significant cost savings over the life of the product.

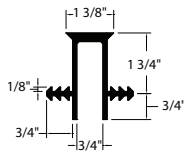
G-Seal™ is available in a shape and size to fit your specific need because it is manufactured in three different configurations. There are choices for standard paving, retrofit and screed cap applications.

G-Seal™ Physical Properties		
Property	Test	Specification Values
Tensile strength	ASTM D412-92	2350 psi min.
Elongation	ASTM D412-92	375% min.
Hardness Shore A	ASTM D2240	81 ±3
Oil Swell, Change in Volume / Weight ASTM #3 Oil, 70 hrs. @ 212°F	ASTM D471	±3% by volume max. ±15% by weight max.
Abrasion Resistance 10,500 cycles, 1000 gram load	ASTM D3884	Material Loss - 0.35 gms. max.
Ozone Resistance, 20% strain, 300pphm, 70 hrs. @ 104°F	ASTM D518	No cracking
Adhesive Bond Strength	ASTM D412	1000 psi min.
Results after Heat Aging 24 hrs. @ 70°C	ASTM D573	Tensile Strength Retained: 90% min. Elongation Retained: 90% min. Hardness Change: ±3

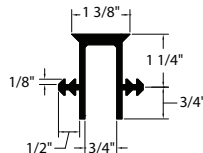
G-Seal™ PAVING CAP SEAL PROFILES

Standard G-Seal™ Profiles

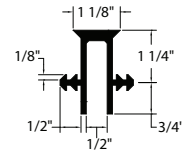
605 2 1/2" Tall for 3/4" Board



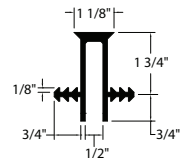
610 2" Tall for 3/4" Board



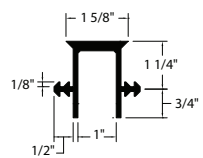
624 2" Tall for 1/2" Board



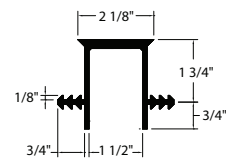
626 2 1/2" Tall for 1/2" Board



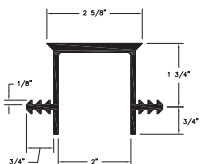
633 2" Tall for 1" Board



678 2 1/2" Tall for 1 1/2" Board

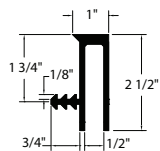


680 2 1/2" Tall for 2" Board

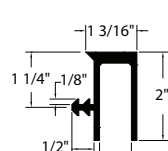


Retrofit G-Seal™ Profiles

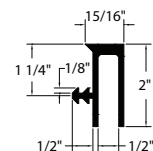
617 2 1/2" Tall for 1/2" Board



628 2" Tall for 3/4" Board

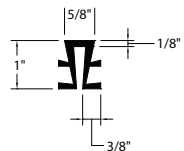


632 2" Tall for 1/2" Board



Screed Cap G-Seal™ Profiles

627 1" Tall with 3/8" Base



G-Seal™ is flexible allowing it to be used in radius applications as well as straight runs.

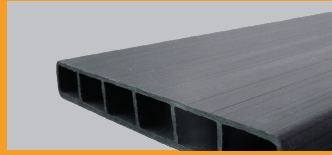


AVAILABLE COMPLIMENTARY PRODUCTS:



Sika® Speed Load™ Load Transfer Sleeves

A single component dowel sleeve for use in expansion joints. Speed Load passes through pre-drilled (on-site) expansion boards and has a self-locking design to securely position and align round dowels for positive load transfer.



Polypropylene & HDPE Expansion Board

Ideal expansion board material that work in conjunction with G-Seal™ and Sika Speed Loads. $\frac{3}{4}$ " thick x 10' long HDPE boards are available in 5.5" wide pieces for 6" slabs and 7.5" wide pieces for 8" slabs. Both $\frac{1}{2}$ " PE and $\frac{3}{4}$ " HDPE boards also come in 4' x 8' sheets for projects with varying slab depths.



Sika® UltraCure™ Wet Curing Blankets

Both UltraCure NCF 7-Day (indoor) and DOT 14-Day (outdoor) Wet Curing blankets are preferred by top professionals to provide thorough slab hydration which leads to increased cured concrete strength, better abrasion resistance, reduced cracking, crazing and efflorescence.

The sale of all Sika products are subject to the following Limited Warranty:

LIMITED MATERIAL WARRANTY

Sika warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor.

NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES.

SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.

Our most current General Sales Conditions shall apply. Please consult the Product Data Sheets prior to any use and processing.



SIKA CORPORATION
ISO 9001: 2015 W/DESIGN
CERT# 17.318.1

SIKA CORPORATION

Sika Greenstreak Sales and Technical Support Office
3400 Tree Court Industrial Blvd.
Saint Louis, MO 63122
Phone: 800 325 9504

SIKA CORPORATION

201 Polito Avenue
Lyndhurst, NJ 07071
Phone: 201 933 8800
usa.sika.com

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