

PRODUCT DATA SHEET

G459 GRID STRIP FLASHING MEMBRANE

G459 Grid Strip Flashing Membrane is a heat-weldable thermoplastic waterproofing membrane used in conjunction with Sikaflex-11 FC adhesive to construct sub-membrane water stops as part of the Sika Containment Grid Waterproofing System.

PRODUCT INFORMATION

USES

The G459 Grid Strip Flashing Membrane is specially formulated for grid strip installations using Sikaflex-11 FC adhesive. The backside of the membrane is resistant to asphalt and most liquid coatings including urethane. Sika Sarnafil recommends in field testing for compatibility.

AREAS OF APPLICATION

- Flashing pipes
- Inside/outside corners
- Unusual shaped penetrations

FEATURES / BENEFITS

- Reinforced for dimensional stability and durability
- Lacquer coated top surface to reduce dirt pick up
- Convenient pre-cut rolls

PRODUCT DATA

FORM

COMPOSITION

High-quality, PVC membrane containing pigments, stabilizers, ultraviolet absorbers, and a fiberglass carrier sheet.

COLOR

- Top: White
- Bottom: Tan

PACKAGING

- 1 ft x 100 ft (0.3 m x 30.5 m) rolls, 39 lbs (17 kg) per roll

STORAGE**STORAGE CONDITIONS**

Store rolls standing on end on pallets and fully protected from the weather with clean canvas tarpaulins. Unvented polyethylene tarpaulins are not accepted due to the accumulation of moisture beneath the tarpaulin in certain weather conditions that may affect the ease of membrane weldability.

TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES*		
Properties	ASTM Test Method	Typical Results
Reinforcing Material	--	Polyester
Reinforcement/Carrier	--	Fiberglass
Overall Thickness, mil	D638	1.5
Weight, kg/m ²	--	0.39 (1.88)
Tensile Strength, psi (MPa)	D638	1600 (11.1)
Elongation at Break, % M.D. ¹ & C.M.D. ¹	D638	270 & 270
Seam Strength, % of original ²	D638	90
Retention of Properties After Heat Aging	D3045	--
Tensile Strength, % of original	D638	95
Elongation, % of original	D638	95
Tearing Resistance, lbf (N)	D1004	22 (95)
Low Temperature Bend, -40 °F (-40 °C)	D2136	Pass
Linear Dimensional Change, %	D1204	0.002
Weight Change After Immersion in Water, %	D570	2.0
Static Puncture Resistance, 33 lbf (15 kg)	D5602	Pass
Dynamic Puncture Resistance, 7.3 ft-lbf (10 J)	D5635	Pass
VOC Content, g/L	--	0

* Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions, and curing conditions.

¹ M.D. = Machine Direction, C.M.D. = Cross Machine Direction

² Failure occurs through membrane rupture not seam failure.

SYSTEM INFORMATION

APPLICATION	Sarnafil G459 Grid Strip flashing membrane is installed by an authorized Sika Sarnafil Waterproofing Applicator. The flashing can be installed horizontally or vertically depending on the specific detail. Consult with Sika Sarnafil specifications.
AVAILABILITY	From Sika Sarnafil Authorized Applicators when used within a Sika Sarnafil Roofing or Waterproofing System. Contact Sika Sarnafil or visit our website www.sikacorp.com for further information.
MAINTENANCE	G459 flashing membrane requires no maintenance.
WARRANTY	As a Sika Sarnafil-supplied accessory, G459 flashing membrane is included in Sika Sarnafil's Standard or System Warranty to the Building Owner.

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SIKA CORPORATION – ROOFING	UNITED STATES 100 Dan Road Canton, MA 02021 800-451-2504 (p) 781-828-5365 (f) usa.sarnafil.sika.com webmaster.sarnafil@us.sika.com	SIKA CANADA INC. 6915 Davand Drive Mississauga, ON L5T 1L5 905-795-3177 (p) 905-795-3192 (f) can.sika.com marketing.construction@ca.sika.com
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