

PRODUCT DATA SHEET

SARNAFIL® G 476 WATERPROOFING MEMBRANE __ 60 __ 80

Sarnafil G 476 Waterproofing Membrane is a heat-weldable, guaranteed for thickness, thermoplastic waterproofing and flashing membrane formulated with an integral fiberglass mat carrier sheet for dimensional stability.

PRODUCT INFORMATION

USES

Sarnafil G 476 is used in horizontal applications receiving overburden.

AREAS OF APPLICATION

- Plaza Decks
- Green Roofs
- Balconies
- Terraces

FEATURES / BENEFITS

- Specially compounded for environments of constant dampness, high alkalinity, exposure to plant roots, fungi, and bacterial organisms, as well as low levels of hydrostatic pressure including ponded water conditions
- Integral fiberglass mat reinforcement for excellent dimensional stability
- Heat welded seams for strength and security

TESTS

STANDARDS / APPROVALS

- Underwriters Laboratories
- German FLL
- Swiss SIA 280

PRODUCT DATA

COMPOSITION

High quality PVC resin, pigments, stabilizers, and biocide all bonded to a fiberglass carrier sheet.

COLOR

- Top: Orange
- Bottom: Dark Gray

PACKAGING

- 60 mil (1.5 mm) Membrane
10 ft x 100 ft (3 m x 30.5 m) rolls, 398 lbs (180 kg) per roll, 8 rolls per pallet
5 ft x 100 ft (1.5 m x 30.5 m) rolls, 199 lbs (90 kg) per roll, 12 rolls per pallet
- 80 mil (2.0 mm) Membrane
10 ft x 100 ft (3 m x 30.5 m) rolls, 528 lbs (239 kg) per roll, 4 rolls per pallet

STORAGE**STORAGE CONDITIONS**

Store rolls on pallets and fully protected from the weather with clean canvas tarpaulins. Unvented polyethylene tarpaulins are unacceptable due to the accumulation of moisture beneath the tarpaulin in certain weather conditions that may affect membrane weldability.

TECHNICAL DATA**TYPICAL PHYSICAL PROPERTIES***

Properties	ASTM Test Method	Typical Results	
		60	80
Overall Thickness, mil	D751	60	80
Reinforcing Material	--	Fiberglass	Fiberglass
Weight, lb/ft ² (kg/m ²)	--	0.39 (1.93)	0.52 (2.6)
Breaking Strength, lbf/in (N)	D751	92 (409)	121 (538)
Elongation at Break, % M.D. ¹ & C.M.D. ¹	D751	255 & 240	296 & 290
Seam Strength, % of original ²	D751	90	90
Retention of Properties After Heat Aging	D3045	--	--
Tensile Strength, % of original	D751	95	95
Elongation, % of original	D751	95	95
Tearing Resistance, lbf (N)	D1004	17 (76)	21 (93)
Low Temperature Bend, -40°F (-40°C)	D2136	Pass	Pass
Linear Dimensional Change, %	D1204	0.01	0.01
Weight Change After Immersion in Water, %	D570	2.5	2.1
Static Puncture Resistance	D5602	Pass	Pass
Dynamic Puncture Resistance, ft-lbf (J)	D5635	Pass	Pass

* 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 INSTRUCTIONS****APPLICATION**

Sarnafil G 476 is installed by an authorized Sika Waterproofing Applicator. The membrane is used as the concealed primary waterproofing and flashing sheet with Sika Waterproofing and Green Roofs Systems. Consult with these specifications and your local Sika waterproofing representative. Sarnafil G 476 membrane and flashings must be covered and cannot be left permanently exposed. Typical maximum exposure is limited to 3 months but may vary depending on the location and the time of year. Contact Sika if the anticipated exposure is to exceed 3 months.

AVAILABILITY

From Sika Corporation – Roofing Authorized Applications for use within Sarnafil systems.

MAINTENANCE

Standard maintenance of Sarnafil systems should include regular inspection of flashings, drains, and termination sealants at least twice a year and after each storm.

WARRANTY

As a Sika supplied accessory, Sarnafil G 476 is covered under Sika Corporation warranties.

LEGAL NOTES

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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
