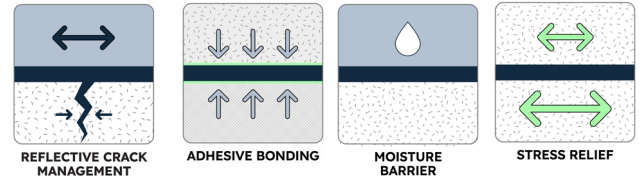


PETROMAT Petrotac



PETROMAT® Petrotac is a self adhesive paving strip membrane geotextile, and will meet the following typical roll values when tested in accordance with the methods listed below. Petrotac is used as a strip membrane to treat local pavement distress and joints and cracks (effective over moderate cracks/joints¹. It is also used as a bridge deck moisture barrier.

Petrotac conforms to the property values listed below and meets the requirements of ASTM D-6153 for type III Bridge Deck Waterproofing Membrane Systems².

TenCate Geosynthetics Americas (A Solmax Company) is accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program ([GAI-LAP](#)).

Petrotac meets Build America, Buy America Act, Pub. L. No. 117-58, div. G §§ 70901-52.

MECHANICAL PROPERTIES	TEST METHOD	UNIT	TYPICAL ³
Strip Tensile	ASTM D-882	lbs/in (N/m)	75 (13,135)
Puncture Resistance	ASTM E-154	lbs (N)	200 (890)
Permeance – Perms	ASTM E-96 Method B		0.05 (max)
Pliability	ASTM D146 ¼" Mandrel 180° @ -25° F	No cracks in fabric or rubberized asphalt	

MECHANICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM ROLL VALUE
Asphalt Retention	ASTM D6140	gal/yd ² (l/m ²)	≥ 0.20 (0.91)
Melting Point	ASTM D276	F° (C°)	325 (163)
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70

PHYSICAL PROPERTIES	UNIT	TYPICAL ROLL VALUE
Roll Dimensions (width x length)	in x ft (m)	12in x 108ft (.31 x 32.9)
		18in x 108ft (.46 x 32.9)
		24in x 108ft (.61 x 32.9)
		36in x 45ft (.91 x 13.7)
		48in x 50ft (1.22 x 15.2)
Roll Area	yd ² (m ²)	12 (10)
		18 (18)
		24 (20)
		15 (13)
		22 (19)
Estimated Roll Weight	lbs (kg)	44 (20)
		67 (30)
		89 (40)
		56 (25)
		82 (37)

¹Minimum temperature of 280° F of asphalt overlay suggested during installation.

²Property values listed above are effective 01/19/2021 and are subject to change without notice. values represent testing at time of manufacture.

³Values shown are in weaker principal direction.



Distributed By:
Road Fabrics, Inc.
630-293-3111
info@roadfabrics.com
www.roadfabrics.com

365 South Holland Drive Pendergrass, GA 30567

Tel +1 706 693 2226 www.tencategeo.us



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