



PETROTAC[®] 4591 is a self-adhesive paving strip membrane geotextile produced by Propex, and will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below. **PETROTAC 4591** is used as a strip membrane to treat local pavement distress and joints and cracks (effective over moderate cracks/joints)¹. It is also used as a bridge deck membrane moisture barrier.

PETROTAC 4591 conforms to the property values listed below². Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

MARV³

PROPERTY	TEST METHOD	ENGLISH	METRIC
ORIGIN OF MATERIALS			
% U.S. Manufactured Inputs		100%	100%
% U.S. Manufactured		100%	100%
MECHANICAL			
Strip Tensile Strength	ASTM D-882 (modified)	50 lbs/in	8760 N/m
Puncture Resistance	ASTM E-154	200 lbs	890 N
ENDURANCE			
Permeance-Perms	ASTM E-96 Method B	0.05 max	0.05 max
Pliability- ¼" Mandrel 180° Blend at -25 °F	ASTM D-146 (modified)	No cracks in fabric or rubberized asphalt	No cracks in fabric or rubberized asphalt

NOTES:

1. Propex suggests that the minimum temperature of the asphalt overlay be 280 °F during installation.
2. The property values listed above are effective 04/2011 and are subject to change without notice.
3. Values shown are in weaker principal direction. Minimum average roll values (MARV) are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported.



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