



Elastomeric Roofing Systems, Inc

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PERMAWELD TPO MEMBRANE

PRODUCT DATA SPECIFICATION

Typical Physical Properties

Overall Thickness (mm) (ASTM D-751)	0.045 (1.1) 0.060 (1.5)
Breaking Strength – lbf (N) (ASTM D-751)	330 (1500)
Elongation at Break (ASTM D-751)	30%
Seam Strength – lbf (N) (ASTM D-751)	75 (330)
Retention After Heat Aging (ASTM D-751)	
Elongation	25%
Tearing Strength – lbg (kN) (ASTM D-751)	156 (.07)
Accelerated Weathering (ASTM G-151 & G-154)	
Cracking	Pass
Discoloration	Pass
Crazing	Pass
Linear Dimensional Change (ASTM D-1204)	-0.01%
Weight Changes After Immersion in Water (ASTM D-471)	+1.2%
Puncture Resistance – lbf (N) (FTM 101C, Meth. 2031, E-903)	337 (1500)

Description

PermaWeld TPO meets or exceeds all requirements for ASTM D6878-03 Thermoplastic Polyolefin membrane.

Installation

PermaWeld TPO may be installed as a fully adhered or mechanically fastened system. Please consult your local sales representative for specific application information.

Preparation of Substrates

Substrates must be clean, dry, and free of any materials that may damage the membrane. All roughened surfaces must be repaired to specification to avoid damage to the membrane.

Storage

Store membrane in original, unopened packaging away from all sources of potential puncture or other physical damage.

WARRANTY

IMPORTANT: While the information and data contained herein are presented in good faith and believed to be reliable, they do not constitute part of our terms and conditions of sale. Nothing herein shall be deemed to constitute a warranty, expressed or implied, that said information or data are correct or that the products described are merchantable or fit for a particular purpose, or that said information, data or products can be used without infringing patents of third parties.

ERSystems' sole warranty is that the product will meet the sales specification at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

PRIOR TO USE OF THIS MATERIAL, READ ALL APPROPRIATE MATERIAL SAFETY DATA SHEETS.