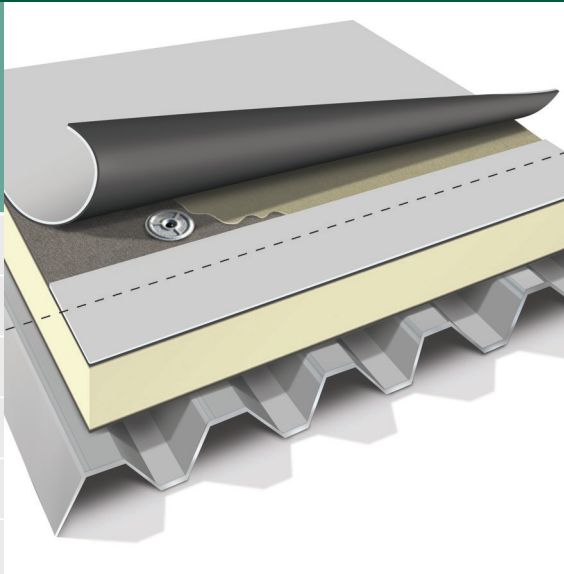


TremPly® Max TPO Single Ply Roofing System



Environmentally Friendly, Long-Lasting Single Ply Adhered Roofing System

FEATURES

Great Value

Excellent Seam Strength

Long-term Weathering

Energy Saving

Inherently Flexible

Fungal Resistant

BENEFITS

Excellent performance at a cost-effective price.

Heat-welded seams provide greater seam strength to taped and other seams.

Excellent long-term heat and UV resistance.

Highly reflective and emissive white surface can help reduce energy use and urban heat island effect.

No need for plasticizers.

Doesn't require biocides.

DESCRIPTION:

TremPly® Max TPO Single Ply Roofing System is a thermoplastic roofing membrane available in 50, 60, 70 and 80 mil thicknesses. It is offered in 5-foot and 10-foot-wide sheets that feature heat welded seam integrity and overall exceptional value. Also available in fleeceback.

BASIC USES:

TremPly Max TPO is available as a mechanically attached, fully adhered, ballasted, or a heat induction welding system. TremPly Max TPO's hybrid configuration includes multi-ply, hot applied, and low-rise foam applications. It comes with a full line of readily available, pre-fabricated accessories designed to save time and money.

COLORS:

White

GRADE:

TremPly Max TPO and TremPly Max TPO Fleeceback are offered in 50mil, 60mil, 80mil thicknesses.

STORAGE LIFE:

Store rolls on their sides on pallets or shelving in a dry area. Jobsite specific: be sure to cover or tarp when not in use.

APPLICATIONS:

- TremPly Max TPO Reinforced Membrane
- Approved Insulation Fasteners and Plates
- TremPly Bonding Adhesives
- Approved Insulation and Coverboards
- Mechanically Attached/Fully Adhered/Ballasted/Heat Induction/Hybrid
- Configuration including Fleeceback

COVERAGE RATE:

Available in 10'x100' (1,000 sq. ft.) and 5'x100' sheets (500 sq. ft.)

ACCEPTABLE ROOF SURFACES/ SUBSTRATES:

DECK TYPE	NEW CONSTRUCTION						REROOFING		
	Steel	Plywood or OSB	Lt. Wt. Concrete	Structural Concrete	Wood Planks	Cementitious Wood Fiber	Smooth BUR	Gravel BUR	Existing SinglePly
INSULATION REQUIRED	YES	NO	YES	NO	YES	YES	YES	YES	YES
RECOMMENDED INSULATIONS	DensDeck® Prime, Securock®								
INSULATIONS ATTACHED BY	Adhesive, or approved Fasteners and Plates								
MEMBRANE ATTACHED BY	TremPly Low VOC TPO Bonding Adhesive, TremPly WB Bonding Adhesive								

LIMITATIONS:

For fully adhered, fleeceback and low-rise foam applications, the substrate membrane and outside temperatures must be 40°F and rising. Application temperatures above 50°F are recommended to allow easier adhesive application.

TremPly® Max TPO Single Ply Roofing System

PHYSICAL PROPERTIES:

Note: This data based on typical product performance for 45-mil membrane, and are subject to normal manufacturing tolerances and variances. Certain data are provided in MD (machine direction) x CMD (cross machine direction) format. Visit www.tremcoroofing.com for latest data.
Important Note: Tremco TPO membranes meet and/or exceed ASTM D-6870 standards for thermoplastic TPO membranes.

Physical Property	Test Method	Typical Value
Membrane Thickness	ASTM D-751	TPO-45/ FB-450 Ultra: .045" TPO-60/ FB-600 Ultra: .060" TPO-80/ FB-800 Ultra: .080"
Breaking Strength	ASTM D-751 (Grab Method)	TPO-45: 290lbf x270 lbf FB-450: 430lbf x360 lbf
Seam Strength	ASTM D-751	Pass (membrane fails before seam)
Elongation at Break	ASTM D-751	30%
Heat Aging	ASTM D-573	100% retention
Tear Strength	ASTM D-751	TPO-45: 124 lbf x140 lbf FB-450: 90 lbf x120lbf
Cold Temp. Brittleness	ASTM D-2137 ASTM D-2137	TPO-45: -40°C FB-450: -45°C
Permeance	ASTM E-96	TPO-45: .07 Perms
Dimensional Change	ASTM D-1204 @158°F, 6hrs.	TPO-45: .4% FB-450: .4%
Water Absorption	ASTM D-471 @158°F, 1 week	0.7% TPO-45: 390 psi
Hydrostatic Resistance	ASTM D-751 (Method D)	FB-450: 550 psi
Ozone Resistance	ASTM D-1149	No visible deterioration @7 x magnification
Weather Resistance	ASTM G-155 @5040 KJ (m ² -nm) @ 340 nm	No cracks @7x magnification

MAINTENANCE:

Your local Tremco Roofing representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventative maintenance are all part of a sound roof program.

TECHNICAL SERVICES:

Your local Tremco Roofing representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.



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6/13/18

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