Submittal Sheet

MECHANICALLY ATTACHED TPO ROOFING SYSTEM

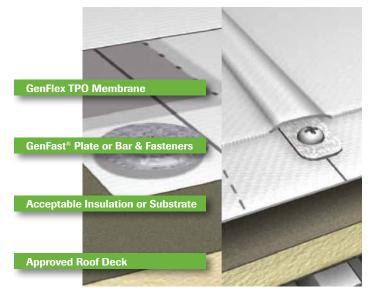


Project Information

GenFlex Authorized		ntractor:		
Company Name:				
GenFlex Mechanica	Illy Attached	d TPO Ro	ofing Sys	tem:
Project Name:				
System Features Heat-weldable labor Advanced po provide long- Lightweight White GenFle	e seams for lymer comp term perfor x TPO meet	superior ounds an mance s Energy	strength nd UV tec Star requ	hnology uirements
TPO Membrane fo available in the fo		cally Att	ached S	ystems is
Thickness:	☐ 45 mil		60 mil	☐ 80 mil
Color:	☐ White		Grey	☐ Tan
Standard Widths:	□ 6.16'	□ 8'	□ 10'	12.33 ′
Standard Length:	100'			
GenFlex Mechanic	-			•

and integrity. Mechanical attachment provides durability and

longevity even under high wind uplift conditions.



GenFlex TPO Membrane is a high quality ASTM 6878 compliant thermoplastic polyolefin, offering the "best of both worlds"... the proven flexibility and weathering resistance of rubber and the performance of hot-air welded thermoplastic seams.

All GenFlex TPO membranes are produced with a minimum top ply film thickness of 15 mils over scrim. This top ply has outstanding weathering and welding characteristics. The smooth finish resists dirt accumulation for long-term aesthetics.

GenFlex white TPO meets EPA and DOE Energy Star® requirements, which can reduce energy consumption and heat buildup.

GenFlex Roofing Systems entered the commercial roofing market in 1980, utilizing the company's 80+ years as a world leader in the development of polymer and chemical technology.

Ongoing research and product development programs keep GenFlex Roofing Systems at the forefront of new single-ply roofing products and technologies. We offer high quality components and roofing systems that are designed to be durable and tough and to withstand environmental elements.

GenFlex TPO roofing systems are designed for durability and to withstand extreme environmental exposure. They can provide the right solution for your project regardless of configuration, usage, slope, height, location or wind exposure.

Submittal Sheet

MECHANICALLY ATTACHED TPO ROOFING SYSTEM



Installation

GenFlex Mechanically Attached TPO Roofing Systems utilize 45, 60 or 80 mil GenFlex TPO membranes.

GenFlex approved insulation is fastened to the roof deck, and the GenFlex TPO Membrane is fastened through the insulation into the roof deck with GenFast® Fasteners and in-seam plates or batten bars. Overlapping sheets are hot-air welded together.

Membrane and System Strengths

- Excellent dimensional stability and long-term flexibility.
- Highly resistant to tears, impact, punctures, and normal roof traffic.
- Excellent resistance to ozone and ultraviolet light exposure.
- ▼ VOC free, non-halogenated TPO compound for longterm performance.
- Energy Star rated.

GenFlex Insulation

GenFlex ISO is a rigid closed cell polyisocyanurate foam core bonded to fiber reinforced facers.
GenFlex Tapered ISO provides a sloping surface to promote positive drainage.
GenFlex High Density Fiberboard is a uniform-density, non-asphaltic, cellulosic-fiber insulation board
DensDeck roof board consists of a moisture-resistant noncombustible core of specially treated gypsum with glass mat facings.
Other

GenFast® Fasteners

Membrane Fasteners

☐ #16	☐ #15 (WH)	☐ #15 (PA)	☐ #14

Insulation Fasteners

# 15	#14	☐ #12	☐ #12 (PA)

GenFlex Battens

☐ Polymer ☐ Metal ☐ 2" Seam Pla

Sean		0	•
Span	nına	III	inne
Juan	ши	UDU	IUII

☐ Single Weld	☐ Dual Weld
Dual Weld Battens	
☐ Metal Anchor Bar	☐ Polymer Batten Strip
Membrane In-Seam Plates	
☐ 2 3/8" WH	☐ 3" MAX Seam Plate)

Code Requirements

Code nequirements				
UL: \square n/a	☐ Class A	☐ Class B	☐ Class C	
FM Uplift:	□ n/a	☐ I-60	☐ I-90 ☐ I-120	
Other:				

For specic code information, contact the GenFlex Technical Department.

Quality Assurance

GenFlex TPO Authorized Contractors are qualified to install Mechanically Attached TPO Roofing Systems.

Inspection

A GenFlex Technical Representative will conduct an inspection prior to issuance of a GenFlex System Warranty.

Warranty

Limited Me	embrane Only	Warranty	
☐ 5 yr	☐ 10 yr	☐ 15 yr	☐ 20 yr (60 or 80 mil)
Full Roofing	g System Warr	anty	
☐ 5 yr	☐ 10 yr	☐ 15 yr	☐ 20 yr (60 or 80 mil)
High Wind	Coverage		

Other: __



☐ 72 mph





NOTE: The above information represents options available for a GenFlex Mechanically Attached TPO Roofing System. Refer to GenFlex published specifications and details for more complete information.

Print

Reset