

Submittal Sheet

MECHANICALLY ATTACHED TPO ROOFING SYSTEM

Project Information

GenFlex Authorized Roofing Contractor:

Company Name: _____

Address: _____

City: _____

State & Zip: _____

Phone: _____

GenFlex Mechanically Attached TPO Roofing System:

Project Name: _____

City: _____

State: _____



System Features and Benefits include:

- ▼ Heat-weldable seams for superior strength and less labor
- ▼ Advanced polymer compounds and UV technology provide long-term performance
- ▼ Lightweight
- ▼ White GenFlex TPO meets Energy Star requirements

TPO Membrane for Mechanically Attached Systems is available in the following:

Thickness: 45 mil 60 mil 80 mil

Color: White Grey Tan

Standard Widths: 6.16' 8' 10' 12.33'

Standard Length: 100'

GenFlex Mechanically Attached TPO is an effective system in high wind situations, providing a roof of exceptional strength 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.

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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 long-term 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 Plates

Seaming Options

- 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

UL: n/a Class A Class B Class C

FM Uplift: n/a I-60 I-90 I-120

Other: _____

For specific 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 Membrane Only Warranty

- 5 yr 10 yr 15 yr 20 yr (60 or 80 mil)

Full Roofing System Warranty

- 5 yr 10 yr 15 yr 20 yr (60 or 80 mil)

High Wind Coverage

- 72 mph Other: _____



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.

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