

# Submittal Sheet

## FULLY ADHERED TPO ROOFING SYSTEM

### Project Information

GenFlex Authorized Roofing Contractor:

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State & Zip: \_\_\_\_\_

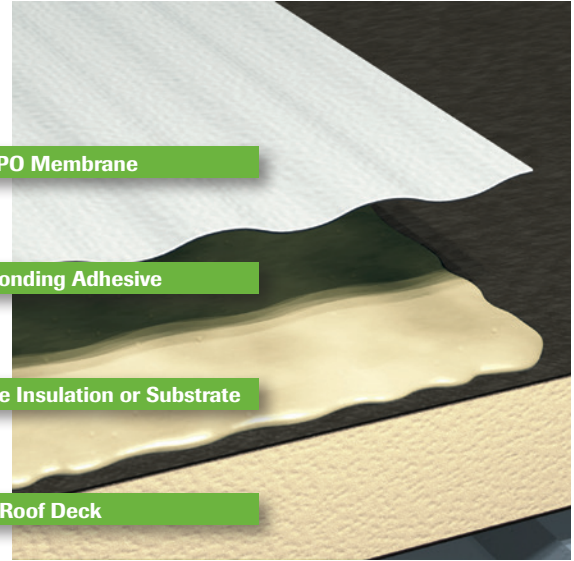
Phone: \_\_\_\_\_

GenFlex Fully Adhered 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
- ▶ No mechanical penetration of the membrane
- ▶ Lightweight
- ▶ White GenFlex TPO meets Energy Star requirements

### TPO Membrane for Fully Adhered 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 Fully Adhered TPO** systems are frequently used when a smooth, exposed membrane look is desired. It is ideal for new and re-roof installations. After the membrane is positioned over the substrate, GenFlex Bonding Adhesive is applied to the underside of the TPO membrane and to the substrate. After the adhesive has adequately dried, the membrane is carefully rolled into position and onto the substrate and brushed down using a push broom to ensure adhesion.

This system installs quickly with a continuous even surface and has no mechanical penetration of the membrane.

**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

## FULLY ADHERED TPO ROOFING SYSTEM



### Installation

GenFlex Fully Adhered TPO Roofing Systems utilize 45, 60, or 80 mil GenFlex TPO membranes.

GenFlex approved insulation is either mechanically fastened to the roof deck or adhered with GenFlex Insulation Adhesive, and overlapping sheets are hot-air welded or seamed with 3" GenFlex TPO Seam Tape.

### 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.
- ▶ Superior heat-welded seam strength.
- ▶ Less seaming labor means lower labor cost.
- ▶ 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

Insulation Fasteners

- #15     #14     #12     #12 (PA)

Insulation Adhesive

- GenFlex Insulation Adhesive

### Seaming Options

#### Seam Weld Technology

- Single Weld
- 3" TPO Seam Tape

#### 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 Fully Adhered 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 Fully Adhered TPO System. Refer to GenFlex published specifications and details for more complete information.*

Print

Reset