

# Submittal Sheet

## BALLASTED TPO ROOFING SYSTEM

### Project Information

GenFlex Authorized Roofing Contractor:

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

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

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

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

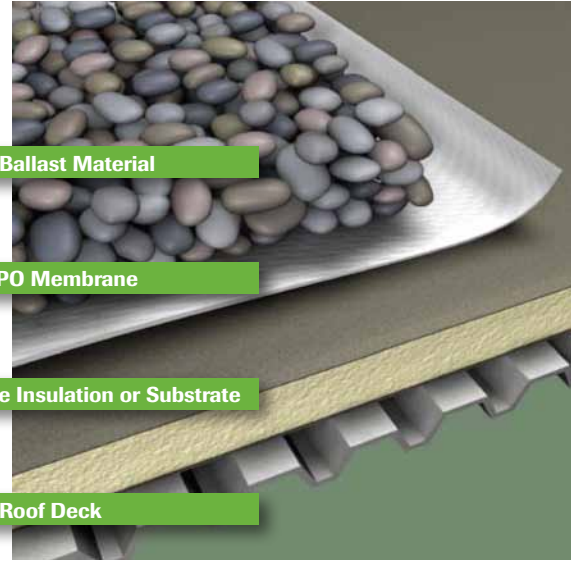
Phone: \_\_\_\_\_

GenFlex Ballasted TPO Roofing System:

Project Name: \_\_\_\_\_

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

State: \_\_\_\_\_



### System Features and Benefits include:

- ▼ Heat-weldable seams for superior strength and less labor
- ▼ Speed of installation
- ▼ Economical
- ▼ Non-penetrating system uses no fasteners in roof field
- ▼ Installs over a variety of insulations
- ▼ Large sheet sizes minimize field splices
- ▼ Natural ballast appearance
- ▼ Exceptional strength and roof integrity
- ▼ Advanced polymer compounds and UV technology provide long-term performance

### TPO Membrane for Ballasted 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 Ballasted TPO** systems can be used on substrates capable of supporting the dead load of this system. Ballasted systems are preferred for large, open installations where speed and economy are prime considerations. Slope must not exceed 2"/12". Insulation, as well as the membrane, must be loose laid with the membrane fastened only at the perimeter and penetrations.

Recommended ballast is smooth, rounded, 0.75" to 1.5" diameter (ASTM #4) water worn rock, installed at a minimum rate of 10 lb/ft<sup>2</sup>. Contact GenFlex for other types of approved ballast.

**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. TPO membrane 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 Ballasted TPO Roofing Systems utilize 45, 60 or 80 mil GenFlex TPO membranes.

Membrane and insulation are loose laid over the approved deck or substrate. The loose laid membrane is held down with recommended ballast at a minimum coverage rate of 10 lb/ft<sup>2</sup> and is mechanically anchored at the perimeter and penetration locations.

### 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.
- ▶ Contains no compounds that support algae or fungi.

### 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** \_\_\_\_\_

### Seaming Options

Single Weld

### Ballast Material

- Water worn rock (ASTM D448) #4
- Other \_\_\_\_\_

### Code Requirements

**UL:**  n/a  Class A  Class B  Class C

**Other:** \_\_\_\_\_

For specific code information, contact the GenFlex Technical Department.

### Quality Assurance

GenFlex TPO Authorized Contractors are qualified to install Ballasted 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)



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

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