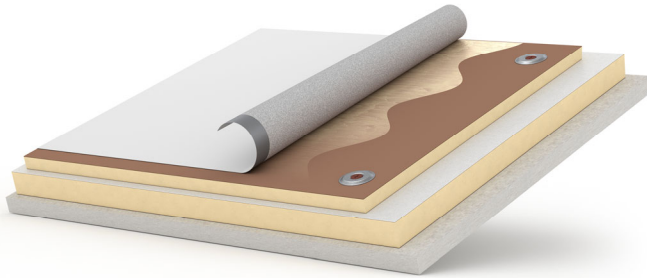


# Submittal Sheet

## EZ TPO Fleece Backed Adhered Membrane Lightweight Concrete Deck

## Roofing System Limited Warranty: Up to 20 Years, 55 mph



- GenFlex™ EZ TPO Fleece Backed Membrane
- Adhered with appropriate Bonding Adhesive
- Cover Board (Optional) – Mechanically Attached or Adhered
- Insulation – Mechanically Attached or Adhered
- Lightweight Concrete Deck

**Slope Requirement:** Positive drainage required for warranty.

### Construction Type:

- ☐ New Construction    ☐ Complete Tear-off    ☐ Recover (Any wet or damaged materials removed prior to installation)

**Building Height Limitation:** Elevate UltraPly TPO Adhered Systems are limited to buildings 250' (76.2 m) or less.

**Air Barrier:** An air barrier is recommended for projects with large wall openings greater than 10% of the total wall area.

**Vapor Barrier:** ☐ GenFlex Vapor Shield    ☐ 4-6 mil poly    ☐ Thermal Barrier

\*Thermal barrier required when using Vapor Shield over a Steel Deck on FM Insured or FM Specified projects.

**Base Tie-Ins:** Must be attached to substrates which provide a minimum of 200 lbf (1 kN) in any direction.

### Increased Wind Speed and Codes:

Any wind speed coverage exceeding 55 mph (88 km/h) or projects with code requirements must be reviewed by a GenFlex Regional Technical Coordinator.

### Deck Requirement:

- ☐ Minimum 2" Lightweight Concrete over 22 Gauge Steel Pan  
☐ Minimum 2" Lightweight Concrete over Structural Concrete  
☐ Minimum 2" Lightweight Concrete with Base Sheet Attachment

### Insulation Fasteners and Plates:

- ☐ GenFast #14 PreAssembled Screw and Plate (Steel Pan) (Max 15-Year)  
☐ GenFast #15 WH Fastener and GenFast 3" Round Plates (Steel Pan or Structural Concrete)  
☐ GenFast CD-10 Concrete Fasteners and GenFast 3" Round Plates (Structural Concrete)  
☐ GenFast Lite Deck Fastener and 3" Lite Deck Plates

### Insulation Adhesive\*:

- ☐ GenFlex ISO Bond Insulation Adhesive    ☐ GenFlex One Step Insulation Adhesive    ☐ Asphalt Type III or IV  
☐ GenFlex Quick Dual™

\*NOTE: Max. 4' x 4' boards must be used when attaching insulation with adhesives. Cleaning of the metal deck may be required to remove processing oils.

### Insulation / Membrane Adhesive Attachment:

#### Max. 15 Year Warranty:

- ☐ Bead Spacing: F: 12", P: 12", C: 12"

#### 20 Year Warranty:

- ☐ Bead Spacing: F: 12", P: 6", C: 6"    ☐ Full Coverage

### Membrane Requirement:

#### Max. 15 Year Warranty:

- ☐ EZ TPO Fleece Backed Membrane, 45 mil\*

#### 20 Year Warranty:

- ☐ EZ TPO Fleece Backed Membrane, 60 Mil

\*NOTE: When adhered direct to existing asphalt, mod-bit or built-up products.

### Seaming Requirement:

1.5" Single Weld System (use robot welder). Joint covers are required at all joints and at angle changes 1:12 or greater. Strip in end laps with welded 8" EZ TPO Membrane.

### GenFlex Membrane Adhesive:

- ☐ GenFlex Quick Jet    ☐ GenFlex Quick Dual    ☐ Asphalt (IV or SEBS) (Full Coverage)  
☐ Asphalt (III) (Max 15-year) (Full Coverage)

\*\* See Supplemental Wind Speed Attachment Guide for increased wind speed warranty requirements

### GenFlex Factory Formed Edge Metal System:

- ☐ GenFlex Coping System    ☐ GenFlex Fascia System  
☐ GenFlex Drip Edge    ☐ GenFlex TPO Skirted Drip Edge

SS-EZTPO-231

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Sales: (800) 443-4272

Technical: (800) 428-4511

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**Non-Factory Formed Edge Conditions:**
☐ GenFast Termination Bar      ☐ GenFlex TPO Coated Metal      ☐ GenFlex Approved Detail

**Substrate Attachment Rates for Standard 55 mph Wind Speed (Top Layer, 4' x 8' Board)**

Thickness	Substrate Material	Minimum Fasteners
<input type="checkbox"/> 1.0" – 1.4"	<input type="checkbox"/> GenFlex GL ISO or GenFlex ISO or <input type="checkbox"/> GenFlex CG ISO or Coated Glass Facer Polyiso	16
<input type="checkbox"/> 1.5" – 1.9"		12
<input type="checkbox"/> 2.0" – 4.0"		8
<input type="checkbox"/> 1.5" – 1.9"	<input type="checkbox"/> GenFlex NB ISO or NailBase Composite Board / <input type="checkbox"/> OSB / <input type="checkbox"/> Plywood (Plate and Fastener)	12
<input type="checkbox"/> 2.0" – 4.0"		8
<input type="checkbox"/> GenFlex NB ISO or NailBase Composite Board / OSB / Plywood		16
<input type="checkbox"/> GenFlex HD Composite ISO		12
<input type="checkbox"/> GenFlex HD ISO or GenFlex ½" HD ISO Cover Board		12
<input type="checkbox"/> 1/4"	<input type="checkbox"/> SECUROCK® Gypsum-Fiber Roof Board <input type="checkbox"/> SECUROCK UltraLight Coated Glass-Mat Roof Board	10
<input type="checkbox"/> 1/2"		8
<input type="checkbox"/> 5/8"		8
<input type="checkbox"/> 1/4"	SECUROCK UltraLight Glass-Mat Roof Board <b>NOTE:</b> Not for use with adhered membrane or insulation adhesives. May be used as insulation layer or thermal barrier layer when fastened through.	10
<input type="checkbox"/> 1/2"		8
<input type="checkbox"/> 5/8"		8
<input type="checkbox"/> 1/2"	SECUROCK Cement Roof Board	8
<input type="checkbox"/> 5/8"		8
<input type="checkbox"/> 1/4"	DensDeck® Prime Roof Board	12
<input type="checkbox"/> 1/2"		8
<input type="checkbox"/> 5/8"		8
<input type="checkbox"/> 5/8"	DensDeck Prime StormX™ Roof Board	8
<input type="checkbox"/> 1/4"	DEXcell® Glass Mat Roof Board <b>NOTE:</b> Not for use with adhered membrane or insulation adhesives. May be used as insulation layer or thermal barrier layer when fastened through.	12
<input type="checkbox"/> 1/2"		8
<input type="checkbox"/> 5/8"		8
<input type="checkbox"/> 1/4"	DEXcell FA™ Glass Mat Roof Board	12
<input type="checkbox"/> 1/2"		8
<input type="checkbox"/> 5/8"		8
<input type="checkbox"/> 7/16"	DEXcell Cement Roof Board	10
<input type="checkbox"/> 5/8"		8
<input type="checkbox"/> 5/8"	DEXcell FA VSH™ Glass Mat Roof Board	8
<input type="checkbox"/> 1/2"	Structodek® High Density Wood Fiber Board	16

**NOTE:**

- Only GenFlex brand products are covered in a GenFlex Roof System Warranty.
- Refer to the GenFlex Technical Database at [www.genflex.com](http://www.genflex.com) for additional information regarding appropriate roof systems and roof system warranty requirements. Review appropriate details and installation requirements based on warranty term requested.
- It is the installing contractor's responsibility to follow all applicable building codes.
- Contact GenFlex Technical Services for full warranty requirements.
- DensDeck is a registered trademark of Georgia-Pacific Gypsum LLC, SECUROCK is a registered trademark of USG Corporation, Structodek is a registered trademark of Blue Ridge Fiberboard, Inc., and DEXcell is a registered trademark of National Gypsum Company.

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