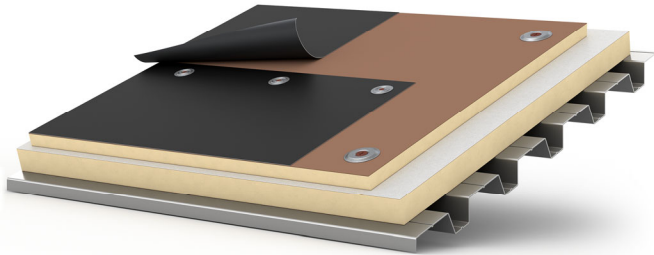


# Submittal Sheet

**GenFlex™ EPDM Attached Membrane Steel Deck**

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



- GenFlex™ EPDM Membrane
- Mechanically Attached with Appropriate Fastening System
- Cover Board (Optional) – Mechanically Attached
- Insulation – Mechanically Attached
- Steel 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:** GenFlex EPDM Mechanically Attached Systems are limited to buildings 120' (36.6 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 22 Gauge Steel

**Insulation Fasteners and Plates:** ☐ HailGard™ Fastener (with HailGard Composite Board or OSB only)

☐ GenFast #14 Fasteners and GenFlex 3" Insulation Plates    ☐ GenFast #14 Preassembled Screw and Plate

☐ GenFast #15 Fasteners and GenFlex 3" Insulation Plates    ☐ GenFast #12 Fasteners and Insulation Plates

**Membrane Attachment (Row Spacing):**

- ☐ Appropriate Membrane Maximum 10' Row Spacing, Fasteners Spaced Maximum 12" o.c

**Membrane Fasteners and Plates:**

☐ GenFast #14 Fastener and Metal Bar Anchor      ☐ GenFast #14 Fastener and 2" Metal Plate

☐ GenFast #15 Fastener and Metal Bar Anchor      ☐ GenFast #15 Fastener and 2" Metal Plate

**Membrane Requirement:**

☐ EPDM AFR, 45 mil (15 year max)      ☐ EPDM FRM, 45 mil (15 year max)

☐ EPDM AFR, 60 mil      ☐ EPDM FRM, 60 mil

☐ EPDM 90 mil AFR      ☐ EPDM FRM, 75 mil

**Seaming Requirement:**

3" Seam Tape in side and end laps. **Optional:** 6" SeamTape in side and end laps. (**Required** for FRM)

Peel & Stick T-Joint Covers are required at all joints and at angle changes 1:12 or greater.

**GenFlex Factory Formed Edge Metal System:**

☐ GenFlex Coping System    ☐ GenFlex Fascia System

☐ GenFlex Drip Edge

**Non-Factory Formed Edge Conditions:**

- ☐ GenFast Termination Bar    ☐ 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<br>or<br><input type="checkbox"/> GenFlex CG ISO or Coated Glass Facer Polyiso                                                                                                                                                                           | 5                 |
| <input type="checkbox"/> 1.5" – 1.9"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                 | 5                 |
| <input type="checkbox"/> 2.0" – 4.0"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                 | 5                 |
| <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)                                                                                                                                                      | 5                 |
| <input type="checkbox"/> 2.0" – 4.0"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                 | 5                 |
| <input type="checkbox"/> GenFlex NB ISO or NailBase Composite Board / OSB / Plywood                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                 | 5                 |
| <input type="checkbox"/> GenFlex HD Composite ISO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                 | 5                 |
| <input type="checkbox"/> GenFlex HD ISO or GenFlex ½" HD ISO Cover Board                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                 | 5                 |
| <input type="checkbox"/> 1/4"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> SECUROCK® Gypsum-Fiber Roof Board<br><input type="checkbox"/> SECUROCK UltraLight Coated Glass-Mat Roof Board                                                                                                                                                                          | 5                 |
| <input type="checkbox"/> 1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                 | 5                 |
| <input type="checkbox"/> 5/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                 | 5                 |
| <input type="checkbox"/> 1/4"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SECUROCK UltraLight Glass-Mat Roof Board<br><b>NOTE:</b> Not for use with adhered membrane or insulation adhesives.<br>May be used as insulation layer or thermal barrier layer when fastened through.                                                                                                          | 5                 |
| <input type="checkbox"/> 1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                 | 5                 |
| <input type="checkbox"/> 5/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                 | 5                 |
| <input type="checkbox"/> 1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SECUROCK Cement Roof Board                                                                                                                                                                                                                                                                                      | 5                 |
| <input type="checkbox"/> 5/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                 | 5                 |
| <input type="checkbox"/> 1/4"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DensDeck® Prime Roof Board                                                                                                                                                                                                                                                                                      | 5                 |
| <input type="checkbox"/> 1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                 | 5                 |
| <input type="checkbox"/> 5/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                 | 5                 |
| <input type="checkbox"/> 5/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DensDeck Prime StormX™ Roof Board                                                                                                                                                                                                                                                                               | 5                 |
| <input type="checkbox"/> 1/4"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> DEXcell FA™ Glass Mat Roof Board<br><input type="checkbox"/> DEXcell® Glass Mat Roof Board<br><b>NOTE:</b> DEXcell® Glass Mat Roof Board Not for use with adhered membrane or insulation adhesives.<br>May be used as insulation layer or thermal barrier layer when fastened through. | 5                 |
| <input type="checkbox"/> 1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                 | 5                 |
| <input type="checkbox"/> 5/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                 | 5                 |
| <input type="checkbox"/> 7/16"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DEXcell Cement Roof Board                                                                                                                                                                                                                                                                                       | 5                 |
| <input type="checkbox"/> 5/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                 | 5                 |
| <input type="checkbox"/> 5/8"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DEXcell FA VSH™ Glass Mat Roof Board                                                                                                                                                                                                                                                                            | 5                 |
| <input type="checkbox"/> 1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Structodek® High Density Wood Fiber Board                                                                                                                                                                                                                                                                       | 5                 |
| <input type="checkbox"/> 1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Alleguard Fanfold Rigid Board Insulation (max. 20-year warranty, Re-Cover only)                                                                                                                                                                                                                                 | 5 per 32 sq. ft.  |
| <b>NOTE:</b><br>1. Only GenFlex brand products are covered in a GenFlex Roof System Warranty.<br>2. Refer to the GenFlex Technical Database at <a href="http://www.genflex.com">www.genflex.com</a> for additional information regarding appropriate roof systems and roof system warranty requirements. Review appropriate details and installation requirements based on warranty term requested.<br>3. It is the installing contractor’s responsibility to follow all applicable building codes.<br>4. Contact GenFlex Technical Services for full warranty requirements.<br>5. 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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