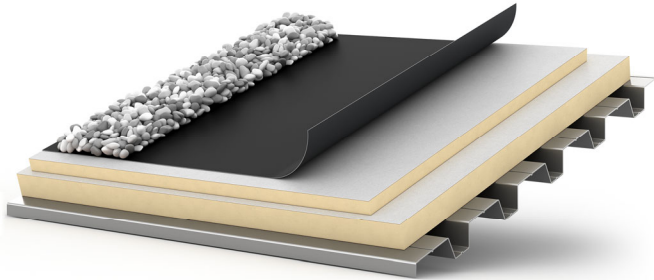


# Submittal Sheet

**GenFlex™ EPDM Ballasted Membrane  
Various Deck**

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



- GenFlex™ EPDM Membrane
- Ballast Weight Paver or Stone Ballast
- Insulation – Loose Laid or Adhered (No hard boards)
- Approved 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 Ballasted Systems with stone ballast are limited to buildings 75' (23 m) or less. The GenFlex Ballast Paver System is limited to buildings 250' (76 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 and Thermal Barrier      ☐ GenFlex Vapor Shield w/o Thermal Barrier      ☐ 4-6 mil poly

\*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 ½" (13 mm) Plywood      ☐ Minimum 7/16" (11.1 mm) OSB      ☐ Minimum 1" (25 mm) Wood Plank  
☐ Minimum 2" (51 mm) Poured Gypsum      ☐ Minimum 2" (51 mm) Cementitious Wood Fiber  
☐ Minimum 22 Gauge Steel      ☐ Minimum 2,500 psi (17.2 MPa) Structural Concrete, min. 2" (76 mm) thick

**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

**Protection mat Requirement:**

GenFlex Protection mat or an additional layer of Elevate membrane must be installed between the membrane and all concrete pavers or crushed stone ballast. The Elevate Protection Mat must be completely covered with ballast material to prevent ultraviolet degradation of the mat.

**Ballast Type and Coverage Rate (Only approved ballast systems are permitted on warranted installations):**

- ☐ **Stone:** Minimum 10 lb/ft² (48.8 kg/m²) ¾" to 1 ½" (19 to 38 mm) diameter stone, meeting ASTM D 488 size #4, ASTM C 136 test method.  
☐ **Concrete Paver:** Minimum 12 lb/ft² (56 kg/m²) with maximum space of ½" (25.4 mm) between pavers.

**Seaming Requirement:**

3" Seam Tape in side and end laps. **Optional:** 6" Seam Tape in side and end laps.  
 Peel & Stick T-Joint Covers are required at all joints and at angle changes 1:12 or greater.

**GenFlex Membrane Adhesive:**

- ☐ EPDM Bonding Adhesive      ☐ EPDM Bonding Adhesive LVOC      ☐ GenFlex Quick Jet Adhesive

**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 or <input type="checkbox"/> GenFlex CG ISO or Coated Glass Facer Polyiso	Loose Laid
<input type="checkbox"/> 1.5" – 1.9"		
<input type="checkbox"/> 2.0" – 4.0"		
<input type="checkbox"/> 1/2" Structodek® High Density Wood Fiber Board (max. 15-year warranty)		Loose Laid
<b>NOTE:</b> Do not ballast directly to a hard surface, such as concrete, gypsum, OSB, ISOGARD HG / HailGard Composite Board, ISOGARD HD or ISOGARD HD Composite Cover Boards.		
<b>NOTE:</b> <div>1. Only GenFlex brand products are covered in a GenFlex Roof System Warranty.</div> <div>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.</div> <div>3. It is the installing contractor's responsibility to follow all applicable building codes.</div> <div>4. Contact GenFlex Technical Services for full warranty requirements.</div> <div>5. Structodek is a registered trademark of Blue Ridge Fiberboard, Inc.</div>		

This sheet is meant to highlight GenFlex products and specifications and is subject to change without notice. Amrize takes responsibility for furnishing quality materials that meet published GenFlex product specifications or other technical documents, subject to normal manufacturing tolerances. Neither Amrize nor its representatives practice architecture. Amrize offers no opinion on and expressly refuses any responsibility for the soundness of any structure. Amrize accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Amrize representative is authorized to vary this disclaimer.