

# WHAT'S NEW

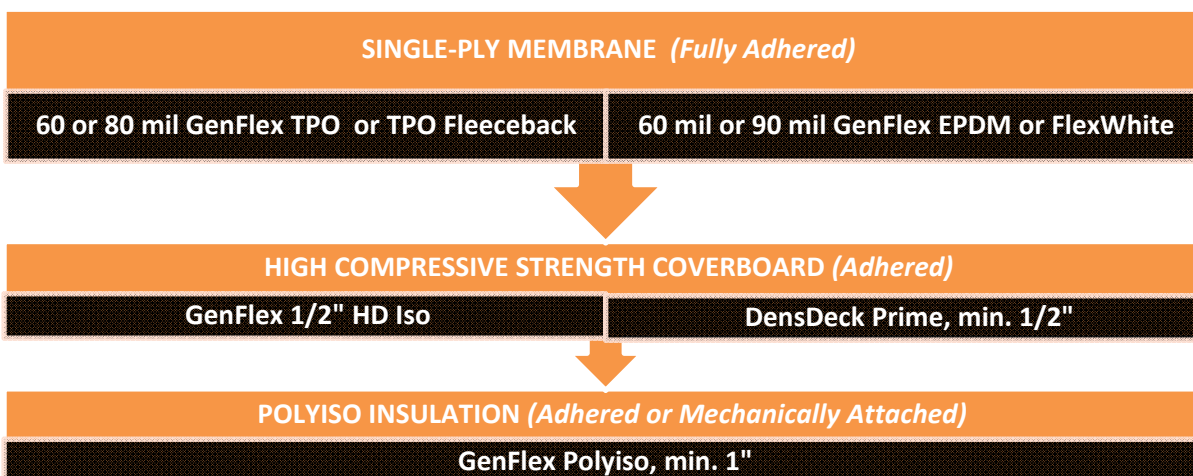
## TECHNICAL BULLETIN

**TO: GENFLEX VALUED CUSTOMERS**

**AUGUST 25, 2011**

**SUBJECT: GenFlex Roofing Systems and Photovoltaic (PV) Installations**

When rooftop photovoltaic (PV) systems are installed, the potential for membrane puncture, insulation compression, and premature aging of the roofing system can increase significantly. To help reduce the potential for leaks and to provide a more durable platform under all types of PV systems, GenFlex recommends that a roofing system consisting of a fully-adhered minimum .060 single-ply membrane, an adhered high-compressive strength coverboard, and polyiso insulation, be installed:



**Important Notes:**

- Any alterations to a warranted GenFlex roofing system must be accomplished using current GenFlex standards and details, available at [www.genflex.com](http://www.genflex.com).
- Any PV components which prevent investigation or repair of a roof leak must be removed at the owner's expense.
- Power related to the PV system must be rendered safe prior to investigation or repair of a leak. This is the responsibility of the building owner.

**Roofing System Enhancements:**

To further increase the roofing system's durability, Building Owners may wish to consider the following enhancements prior to installation of a rooftop PV system. Project-specific recommendations may be obtained from your GenFlex Regional Technical Manager at 1-800-443-4272.

- For All PV Rack Systems: Install a walkway system comprised of walkway pad or Ballast Pavers around the blocks of PV arrays.
- For Ballasted Rack PV Systems: Place a sacrificial layer of minimum .060 single-ply membrane, or install Ballast Pavers, under the feet of the ballasted rack system.
- For Penetrating Rack PV Systems: Flash all rack system penetrations according to the Detail Drawings available at [www.genflex.com](http://www.genflex.com).
- For Adhered PV Module ("thin-film") Systems: Adhere PV modules to a sacrificial layer of single-ply membrane placed over the existing system.

**Single Ply Solutions for Over a Quarter Century™**



## To Obtain Or Continue A GenFlex Warranty When Installing Rooftop PV:

### OVER AN EXISTING GENFLEX WARRANTED ROOFING SYSTEMS:

1. **Submit the GenFlex PV Post-Warranty Alteration Form and Overburden Waiver (see following pages), with all required documentation and signatures.** PLEASE NOTE: The GenFlex Licensed Roofing Contractor and Building Owner ONLY may complete and submit these forms.
2. **Schedule a Post-Warranty Alteration Inspection (\$750.00, payable to GenFlex Roofing Systems).** This inspection verifies only that new flashings or other alterations to the roofing system were installed in accordance with GenFlex technical standards and details. Contact the GenFlex Technical Department at 1-800-443-4272 to schedule this inspection.

### OVER NEW CONSTRUCTION OR REROOF:

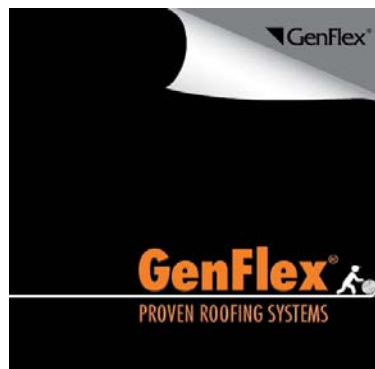
1. **Submit a Pre-Job Survey, Approved Roof Drawing, and Request for Inspection.** Please note on your Pre-Job Survey that a PV system will be installed.
2. **Submit the GenFlex PV Post-Warranty Alteration Form and Overburden Waiver (see following pages), with all required documentation and signatures.** PLEASE NOTE: The GenFlex Licensed Roofing Contractor and Building Owner ONLY may complete and submit these forms.
3. **Schedule a Post-Warranty Alteration Inspection (\$750.00, payable to GenFlex Roofing Systems).** This inspection verifies only that new flashings or other alterations to the roofing system were installed in accordance with GenFlex technical standards and details. Contact the GenFlex Technical Department at 1-800-443-4272 to schedule to schedule this inspection.

Please contact your GenFlex Territory Sales Manager, Sales Representative or Technical Manager with any questions regarding GenFlex roofing systems.

Regards,



Matt Barmore  
Manager, Roofing Solutions Group



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## GenFlex PV Roof Alteration Form

**\*THIS FORM TO BE COMPLETED ONLY BY A GENFLEX LICENSED CONTRACTOR\***

New flashings or other alterations to a warranted roofing system must be installed by the licensed GenFlex Contractor who performed the roofing system installation. Once the PV system has been installed, a **Post-Warranty Alteration Inspection** is required. This inspection verifies only that new flashings or other alterations to the warranted roofing system were installed in accordance with GenFlex technical standards and details. The charge for this inspection is \$750.00, payable to GenFlex Roofing Systems. It is the Contractor's responsibility to contact their GenFlex Regional Technical Manager at 1-800-443-4272 to request the inspection.

**Building Name:** Click here to enter text.

**GenFlex Job #** Click here to enter text.

**GenFlex Warranty #** Click here to enter text.

**Expiration Date:** Click here to enter a date.

**Contractor Name:** Click here to enter text.

**Contractor License #** Click here to enter text.

**PV Manufacturer:** Click here to enter text.

**PV Install Start Date:** Click here to enter text.

### SUBMITTALS:

***Only a GenFlex Licensed Contractor may enter and submit this information.***

- Shop Drawing showing proposed PV layout and Roof Plan:** Drawing should show the placement of all membrane seams or fasteners and plates/batten if the roofing membrane is mechanically attached.
- Overburden Waiver completed signed by the Building Owner ONLY** (see next page).
- PV rack manufacturer's detail drawings for the installed PV system.**
- Proposed protection/slip sheet material:** describe type, location, and application method.
- Appropriate GenFlex Details** to be used for flashing, penetrations, and additional membrane attachment. All current GenFlex technical standards and details and must be followed.
- Check in the amount of \$**Click here to enter text. for the required Post-Warranty Alteration Inspection.

*I certify that all information submitted is accurate:*

Name: Click here to enter text.

Date: Click here to enter a date.

*GenFlex Licensed Roofing Contractor*

### **SUBMIT THIS FORM, ALL ATTACHMENTS, AND PAYMENT FOR INSPECTION, TO:**

GenFlex Roofing Systems  
ATTN: GenFlex Technical Department  
250 W. 96th St.  
Indianapolis, IN 46260  
1-800-443-4272  
FAX: 1-317-853-4602  
technicalservices@genflex.com

**PLEASE NOTE:**

*This PV Post-Warranty Alteration Form supersedes all previous versions. Only the documents, processes, and policies contained in this version will be accepted by GenFlex.*

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# OVERBURDEN WAIVER

THIS FORM MUST BE SIGNED BY THE BUILDING OWNER ONLY

Owner: Click here to enter text.

GENFLEX JOB #Click here to enter text.

Roofing Contractor: Click here to enter text.

License No. Click here to enter text.

Date: Click here to enter a date.

Description of Overburden: Click here to enter text.

*Overburden is defined here as any above-membrane material, temporary or permanent, which requires removal prior to investigation or repair of a suspected roof leak. Stone or pavers used as ballast in a GenFlex Ballasted Roofing System Assembly do not constitute an overburden. This document must be signed and submitted prior to issuance of a GenFlex Warranty to the Owner.*

1. I agree to remove and replace any overburden, at my expense, in order to provide access to the roofing system for the investigation or repair of a suspected roof leak.
2. Should damage occur to the roofing system during the installation, removal, or replacement of the overburden, I agree to pay the repair costs necessary to restore the roofing system to warrantable condition, as determined by GenFlex.
3. All electricity connected with a photovoltaic (PV) system will be rendered safe (no electricity to, from, or within the PV system), at my expense, prior to investigation and repair of a leak.
4. I understand that the GenFlex Warranty does not include removal, replacement, or repair of the overburden material, and that GenFlex is not responsible or liable for the appearance or performance of any new overburden materials which are installed following the investigation or repair of a suspected roof leak. I further understand that GenFlex is not responsible for any loss which I may incur resulting from rendering safe all electricity connected with a photovoltaic system.

Signed: \_\_\_\_\_

*Building Owner*

Printed Name: Click here to enter text.

Title: Click here to enter text.

Date: Click here to enter a date.

**Submit to:**

**GenFlex Roofing Systems  
ATTN: GenFlex Technical Department  
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Indianapolis, IN 46260  
1-800-443-4272  
FAX: 1-317-853-4602  
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