

A collage of 15 small images showing various cross-sections and details of a roofing system, including insulation, membranes, and gravel. The images are arranged in a 3x5 grid.

# GenFlex EZ TPO Peel & Stick™ SA (HW) Application Guide

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(Supersedes all previous versions)



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## I. MEMBRANE APPLICATION

Approved substrates must be clean, dry and free of foreign material such as grease and any debris which could inhibit adhesion. This may require cleaning with a broom or blower. Primer is required for vertical flashing applications, but no primers or adhesives are required for horizontal field application of GenFlex EZ TPO Peel & Stick membrane.

### A. Membrane

1. Position the GenFlex EZ TPO Peel & Stick membrane over the approved substrate without stretching.
2. Allow the membrane to relax a minimum of thirty (30) minutes prior to any bonding, seaming or flashing.
3. Position all adjoining sheets in a manner that all sheets overlap a minimum of 2" (51 mm), using the preprinted overlap lines.
4. Wherever possible, position adjoining sheets in a manner that the seams shed water or run parallel to the flow of water.
5. In order to cover runs greater than 100' (31 m), GenFlex EZ TPO Peel & Stick sheets may be spliced together using a butt lap or a 2" (51 mm) overlap. A butt lap shall have no more than 1" (25 mm) gap between the sheet ends. An overlapped end lap shall be no more than 2" (51 mm) wide. The end lap shall be stripped in using 60 mil reinforced (field cut) EZ TPO membrane with a minimum 2" (51 mm) weld extending past the edge of the end lap. EZ TPO Cut Edge Sealant or EZ TPO Cut Edge Sealant LVOC is required on cut edges of reinforced membrane used to strip-in the end lap. Although a butt lap and EZ TPO membrane strip is preferred, EZ TPO Cover Tape or FlexWhite Peel & Stick Flashing may be used in conjunction with GenFlex Clear Primer or GenFlex Clear LVOC Primer to strip in an overlapping end lap. See the appropriate GenFlex Technical Information Sheets and Technical Details for specific application information and instructions.

## II. HORIZONTAL MEMBRANE ATTACHMENT

NO PRIMER REQUIRED

### A. Membrane Preparation

1. Substrates must be clean, dry and free of foreign material such as grease and any debris which could inhibit adhesion. This may require cleaning with a broom or blower.
2. Fasten insulation per current GenFlex technical specifications to provide a proper substrate.
3. Install EZ TPO Peel & Stick membrane only when ambient and substrate temperatures are min. 20 °F (-7 °C) and rising. Do not install EZ TPO Peel & Stick membrane below this minimum temperature.
4. Unroll and position the membrane over the substrate to achieve the desired alignment and overlaps. Allow membrane to relax 30 minutes before positioning and adhering. **NOTE: Once the roof membrane has relaxed, follow Field Membrane Application (Steps 1-6) or Roof Edge (Gutter, Drip Edge, Gravel Stop) Membrane Application (Steps 1-8) to attach the membrane to the approved substrate.**

### B. Field Membrane Application (Steps 1-6):

1. Once the membrane has relaxed in place a minimum of 30 minutes (longer in colder weather), and the seam positions are aligned, carefully fold back the leading edge of the membrane at one end to expose the release liner without disturbing the original position of the membrane. **Do not fold the length of the roll in half to remove the release liner.**
2. Starting from the center split of the exposed release liner, remove the liner on both sides of the split at a 45° angle toward the membrane edge. Be sure to pull enough of the release liner to extend out beyond the membrane edge.
3. Expose minimum 5' (1.5 m) of the SA adhesive at the end of the sheet and back-roll it onto the substrate. (The removed release liner should extend out at an angle beyond both edges of the membrane.)
4. Keeping the membrane flat and secured and the seam overlap aligned, continue to remove the release liner at a 45° angle, parallel to the roof surface, along the entire length of the sheet. Pulling the release liner at an alternate angle may allow the sheet to move or may trap air. The two halves of the release liner are to be removed simultaneously by two people. Keep the release liner as close to the roof surface as possible during removal. **Removal of the liner and handling of the exposed SA adhesive should be completed by two persons minimum.**
5. To initiate adhesion, use a stiff bristled broom and apply downward pressure to broom in the installed membrane across the width of the sheet working from the center toward the edge. Repeat the process for the other half of the sheet.
6. Roll across the width of the installed membrane with a weighted roller (5 lb/LI) to ensure full contact with the substrate. **Do not roll membrane in place with a weighted roller if installed over GenFlex HD ISO or Coated Glass Facer insulation boards.**

### C. Roof Edge (Gutter, Drip Edge, Gravel Stop) Membrane Application (Steps 1-8):

1. Align the GenFlex EZ TPO Peel and Stick membrane into position along the roof edge and allow the membrane to relax in place a minimum of 30 minutes (longer in colder weather). Consult GenFlex specifications and details for minimum roof edge overlap.
2. Carefully fold back the leading edge of the membrane minimum 10' (3.05 m) from one end to expose the release liner. **Do not fold the length of the roll in half to remove the release liner.**
3. Starting with the outside edge (roof edge portion) of the release liner, carefully peel the liner from the sheet, pulling it *underneath* the membrane, toward the field of the roof at a 45° angle to expose the SA adhesive. Take care to not disturb the original positioning of the membrane.
4. Next, pull the remaining section of the liner (inside portion) *underneath* the membrane and toward the field of the roof at a 45° angle. Maintain a minimum 12" (305 mm) separation between the two sections of liner.
5. Expose minimum 10' (3.05 m) of the adhesive backing at the end of the sheet and back-roll it onto the substrate. (Both sections of the removed release liner should extend beyond the field side of the membrane edge at a 45° angle.)
6. Keeping the EZ TPO Peel and Stick membrane flat, secured and in proper alignment, remove both sections of the release liner simultaneously at a 45° angle, keeping parallel to the roof surface, along the entire length of the sheet. Pulling the release liner at an alternate angle may allow the sheet to move or may trap air. The roof edge side of the release liner should be pulled just in front of the field edge side, maintaining a minimum 12" (305 mm) separation between the three sections. The three sections of release liner are to be removed simultaneously by three people. Keep the release liner as close to the roof surface as possible during removal. **Removal of the liner and handling of the exposed SA adhesive should be completed by three persons minimum.**
7. To initiate adhesion, use a stiff bristled broom and apply downward pressure to broom in the installed membrane across the width of the sheet working from the center toward the edge. Repeat the process for the other half of the sheet.
8. Roll across the width of the installed membrane sheet with a weighted roller (5 lb/LI) to ensure full contact with the substrate. **NOTE: Do not roll membrane in place with a weighted roller if installed over GenFlex HD ISO or Coated Glass Facer insulation boards.**

### III. SEAMING

**NOTE: It is very important that both surfaces are clean and no moisture is present on the membrane seaming surfaces.**

#### A. Seaming for GenFlex EZ Peel & Stick TPO SA (HW) membrane

1. Position the top membrane to overlap the bottom membrane by 2" (51 mm).
2. Using an approved automatic heat welding machine or hand-held heat gun and 2" (51 mm) wide silicone or rubber roller, continuously weld a minimum 1½" (38 mm) wide seam. GenFlex recommends that only approved automatic robot welders be used to weld all field seams. See Hot Air Welder Specifications.
3. Seam inspection and scrim sealing.
  - a. All welded seams must be checked daily for voids or deficiencies by probing the entire seam area with a dull cotter key extractor after the seam has cooled. Additionally, perform robot welder test welds at the beginning of each workday and every time there is an interruption in the welding process, e.g. power failure, welder shut down, change in job site conditions, or after lunch.
  - b. Repair any identified deficiencies daily to prevent moisture infiltration or contamination.
  - c. Apply EZ TPO Cut Edge Sealant or EZ TPO Cut Edge Sealant LVOC to all membrane edges with exposed scrim at the rate of 115 LF (35 m) per bottle.

## B. T-Joint Areas

**NOTE:** Special attention must be paid to areas where multiple layers (3 or more) of GenFlex EZ TPO Peel & Stick SA (HW) come together. These areas are to be addressed with the appropriate strip-in details. Refer to GenFlex Technical Information Sheets for specific product information.

1. Hot Air Welded GenFlex TPO T-Joint Cover Installation:
  - a. Install GenFlex TPO T-Joint Covers or 4" (102 mm) round field cut sections of EZ TPO Unsupported Flashing in areas where three (3) or more layers of TPO membrane intersect (T-Joint).
  - b. Thoroughly clean the area where the T-Joint Cover will be applied with GenFlex Cleaner. The cleaned area shall be 6" (152 mm) round and have the intersection of the T-joint at the center point.
  - c. Position the T-Joint Cover so that it is centered on the T-joint and weld it into place in accordance with GenFlex hot air welding requirements.
  - d. Allow welds to cool, then probe all edges to be certain of a complete weld.
  - e. Repair voids or cold welds as necessary to obtain a complete weld between T-Joint Cover and the underlying GenFlex EZ TPO Peel & Stick SA (HW) membrane.
  - f. Refer to current GenFlex technical details for application requirements for GenFlex Edge Caulk LVOC around T-Joint Covers.
2. FlexWhite Peel & Stick EPDM T-Joint Cover Installation Instructions:
  - a. Stir GenFlex Clear Primer thoroughly before using. **DO NOT THIN.**
  - b. Push the molded handle of the GenFlex Scrub Pad into the scrub pad material to embed the micro fasteners into the pad material. Dip the pad into the Clear primer and allow it to saturate with primer.
  - c. Using a back and forth scrubbing motion, apply GenFlex Clear Primer or Clear Primer LVOC to the T-Joint area to achieve a solidly primed surface without streaks or puddles at the application rate of 200 ft<sup>2</sup>/gal. Do not overwork the primer or cause globs or irregularities.
  - d. Allow primer to flash-off until dry to a finger touch.
  - e. Position the GenFlex FlexWhite Peel & Stick EPDM T-Joint Cover so that it is centered over the T-joint intersection. Remove the release paper from the FlexWhite Peel & Stick EPDM T-Joint Cover. Fold the FlexWhite Peel & Stick EPDM T-Joint Cover in half and hold by the edges while positioning the cover directly over the intersection of the T-joint. Apply the cover to the primed T-joint intersection, starting in the middle and working outward in all directions. Brush your hand across the top of the FlexWhite Peel & Stick EPDM T-Joint Cover to achieve sufficient contact.
  - f. Using a silicone coated rubber or steel hand roller first hand roll the step-downs of the seams under the FlexWhite Peel & Stick EPDM T-Joint Cover. Then hand roll the entire FlexWhite Peel & Stick EPDM T-Joint Cover.
  - g. Apply a high-profile bead of GenFlex Edge Caulk LVOC Sealant around the entire FlexWhite Peel & Stick EPDM T-Joint Cover. **NOTE:** A bead of high profile GenFlex Edge Caulk LVOC Sealant will need to be applied 6" (152 mm) in each direction of the seam area away from the FlexWhite Peel & Stick EPDM T-Joint Cover.

## C. Inspect seams, perform any necessary repairs, and apply edge treatment.

1. Inspect all assembled seams daily, and repair any fishmouths or wrinkles in the seaming area by cutting out any raised membrane, laying the deck sheet flat, and repair using one of the following options:
  - a. Apply FlexWhite Peel & Stick Flashing according to current GenFlex repair procedures.
  - b. For small repairs (punctures), after priming the repair area, adhere a field-cut 4" x 4" (102 mm x 102 mm) FlexWhite Peel & Stick Flashing patch that extends a minimum of 2" (51 mm) past the repair area in all directions.
  - c. When a repair requires a cover material larger than allowed for FlexWhite Flashing, repair the area using 60 mil EZ TPO Reinforced membrane and hot air welding according to current GenFlex Repair Procedures.
2. Once the seams have been inspected and any necessary corrections made, apply EZ TPO Cut Edge Sealant LVOC to all cut edges with exposed reinforcement scrim.
  - a. If the seam area has become contaminated with dirt or debris, etc., use a clean rag saturated with GenFlex Cleaner to clean the seam step off area. Change rags frequently to avoid depositing previously removed materials.
  - b. Apply a continuous high-profile bead of GenFlex Edge Caulk LVOC Sealant as required along field seams, at field seam intersections, around T-joint covers, and cover tape end laps at the application rate of 15 LF (4.6 m) per tube.



3. All GenFlex EZ TPO membrane cut edges with exposed reinforcement scrim require an application of EZ TPO Cut Edge Sealant LVOC by the end of the workday. Failure to seal the cut edge of the GenFlex EZ TPO Peel & Stick SA (HW) membrane may allow moisture to wick into the scrim and result in a leak source.

#### IV. PERIMETER AND BASE MEMBRANE SECUREMENT

- A. Regardless of the method used to secure the field of the roofing membrane, some points on every roof require additional membrane securement. These areas include roof perimeters (parapets, transitional walls and edges), deck angle changes in excess of 2"/12" (51/305 mm) (including drain sump areas), all curb-type roofing penetrations, pipe-type penetrations greater than 12" (305 mm) in diameter, both sides of expansion joints and other areas where the membrane must be anchored to prevent movement, stress or damage to the roofing membrane. Refer to the current GenFlex details and specifications.

**Perimeter Attachment.** GenFlex Roofing Systems offers several different types of attachment methods. Base attachment is required at each roof level, curb, skylight, expansion joint and roof penetrations over 12" (305 mm) in diameter or any angle change in slope or combined slopes that exceed 2" (51 mm) in 12" (305 mm).

- B. Wood nailers provide a termination point for roofing insulation as well as a securement point for base flashing securement. Wood nailers are not covered by the GenFlex warranty because they are a product by others and considered part of the building structure. Following are GenFlex requirements for wood nailers:
  1. Wood nailers are required at all roof edges and anywhere sheet metal work, drip edges, or gutter systems are specified. The width of the nailer must exceed the width of the flange of any sheet metal work mounted to it and be of equal thickness to the roof insulation to protect the edge of the insulation and provide a substrate to which the sheet metal work can be anchored, without impeding drainage. Wood nailers are also required under any rooftop curbs that are not mounted directly to the structural deck with the same width and thickness requirements stated above.
  2. Wood Nailers must be #2 Grade or better lumber. Wood treated with preservatives containing creosote, asphalt, pentachlorophenol, copper naphthenate, copper 8-quinolinolate, and alkaline copper quaternaries (ACQ) have an adverse effect on single-Ply roofing membranes and are not acceptable for use in a GenFlex roofing system.
  3. In all cases, the wood nailer must be anchored to the deck in an industry accepted method to the designing architect's specification. As a minimum standard, wood nailers must be anchored sufficiently to resist 200 lb (889.6 N) of force per linear foot in any direction with fasteners spaced not more than 24" (610 mm) apart. Refer to the Perimeter Flashing portion of Factory Loss Prevention Data 1-49 (February 1985, revised September 2000) for nailer securement recommendations. Wood nailers are not part of the GenFlex roofing system and are not covered by the GenFlex warranty.

#### V. FLASHINGS

- A. Roof perimeter flashing and flashing around vents, skylights and miscellaneous roof projections must utilize GenFlex EZ TPO Flashing accessories to the greatest extent possible. Field fabricated detail flashings using Non-Reinforced TPO Flashing (unsupported) are acceptable only when a pre-molded flashing is not feasible, such as on pipes without top access.

GenFlex Roofing Systems offer numerous options for flashing. See our standard details.

1. Vertical Membrane Flashings (Parapets, Transitional Walls, Curbs, etc.)  
Wall, parapet, and/or curb flashings may be completed using GenFlex EZ TPO Peel & Stick SA (HW) membrane. The leading edge on the roof membrane must be heat welded.  
**NOTE: GenFlex Clear Primer or Clear Primer LVOC is required when EZ TPO Peel and Stick membrane is applied to vertical surfaces.**
2. Flashing penetrations passing through the roofing membrane.
  - a. Flash all pipes with GenFlex EZ TPO pre-molded pipe flashings to the greatest extent possible. Field fabricate pipe flashings with GenFlex Non-Reinforced TPO Flashing (unsupported) per standard GenFlex Roofing Systems details when a pre-molded flashing is not feasible.  
**NOTE: Remove all existing flashings before applying new flashing.**
  - b. A complete line of GenFlex EZ TPO Peel & Stick accessories may be used in conjunction with the GenFlex EZ TPO Peel & Stick SA (HW) system.

- B. Expansion Joints and Building Control Joints. Consult GenFlex Roofing Systems standard details for various application methods.
- C. Penetration Pockets  
Fill penetration pockets in accordance with GenFlex Roofing Systems standard details.
- D. Roof Drains
  1. Consult GenFlex Roofing Systems standard details.
  2. Prepare substrate around each roof drain to prevent membrane bridging or distortion and to provide a smooth transition from the roof surface to the drain clamping ring. The maximum slope for installing GenFlex EZ TPO Peel and Stick through a drain sump is 1" (25 mm) in 12" (305 mm).
  3. The surface between the clamping ring and the drain must be clean and smooth. On retrofit projects, remove all existing flashing, cement or lead down to bare clean metal.
  4. Apply one (1) complete tube of GenFlex Waterstop between drain bowl compression flange and the underside of the new membrane before compressing the new membrane to drain bowl assembly, with the compression ring mounted on the top surface of the new membrane. The detail is only complete when the Waterstop is fully compressed between the new membrane and the flange of the drain bowl, forming a solid seal.
  5. Compress the assembly evenly to avoid cracking or breaking the drain compression ring. Missing or broken bolts and/or cracked or broken drain compression rings may require reinspection of the finished roof system before GenFlex will accept the roof system for warranty coverage.
  6. Do not allow seam overlaps to extend through roof drains or into sump areas. A seam extending through the drain clamp area must be cut out and replaced with a membrane target. A seam in the sump area must be stripped in with an acceptable flashing product.
- E. Scuppers
  1. Scuppers are to be constructed according to criteria detailed in the Sheet Metal and Air Conditioning Contractors National Association (SMACNA) Manual.
  2. As a minimum, GenFlex requirements regarding scuppers are as follows: the scupper assembly must be fabricated from a minimum of 24 ga G-90 steel, 0.040" (1.02 mm) aluminum, or GenFlex TPO Coated Metal and be sized to fit snugly through the wall opening. All joints must be sealed according to SMACNA standards, and the scupper must include a continuous 3" (76 mm) wide interior face flange with continuous rounded corners. The scupper must also be of sufficient length to extend through the exterior wall by at least ½" (13 mm) and be capable of being sealed on the exterior of the building to prevent backflow into the roof system or wall cavity.
  3. In addition to the above, if a scupper is to be mounted at the deck to wall or parapet junction, a wood nailer of equal thickness to the roofing insulation must be secured to the structural deck below the scupper flange to provide a suitable mounting surface for the scupper metal.
  4. Cut the flashing membrane tightly to the scupper opening in the wall.
  5. Apply a heavy bead of Waterstop around the scupper opening 15 LF (4.6 m) per tube).
  6. Insert the scupper sleeve into the scupper opening, and press the mounting flange into the Waterstop.
  7. Secure the flange to the substrate with appropriate fasteners.
  8. Flash scupper in accordance with the appropriate current GenFlex scupper detail.
- F. Sheet Metal Work
  1. Sheet metal work is not waterproofing. The installed membrane and roofing system must be made watertight before metal application.
  2. No roof system is complete until all the edges are terminated in such a way as to prevent water infiltration into the roofed structure. This typically involves the use of manufactured or shop fabricated metal detailing, such as coping caps, gravel stops, roof edging, flashing and counter-flashing components. All sheet metal work should be fabricated and installed according to SMACNA and National Roofing Contractors Association (NRCA) guidelines. Unless specifically agreed to in writing by GenFlex Quality Building Services Group prior to installation, sheet metal work manufactured by others is not included in the GenFlex warranty coverage.
  3. The designer and roofing contractor should be aware that many municipalities and states are beginning to enforce metal codes that, until recently, were merely used as guidelines. These metal codes relate to minimum standards on material, fabrication, and testing of roof related sheet metal work. It is the contractor's responsibility to review and know the building codes relating to their roofing projects to avoid costly remedial work to bring a project into compliance.

4. If the sheet metal work on a project is specified by the designer to be included in a full system warranty, GenFlex branded edge metal and coping products must be utilized. Contact your Regional Sales Manager or Sales Representative for additional information.
  5. If a metal flashing product by others is submitted via a deviation request for inclusion in the warranty coverage, the following are minimum requirements for consideration:
    - a. The sheet metal work must be shop or factory formed or extruded.
    - b. The sheet metal work must be configured and installed in accordance with SMACNA guidelines and NRCA installation instructions.
    - c. Minimum requirements regarding sheet metal materials by others are 24 ga. (0.61 mm) G-90 Kynar pre-finished steel or 0.040" (1.02 mm) aluminum (mill finished, pre-finished or anodized).
    - d. A deviation request for inclusion of sheet metal work in warranty coverage must accompany the PIN form submitted by the installing contractor.
    - e. The deviation request must include shop drawings of the sheet metal work to be included and a roof plan showing the installed location and linear dimension for each profile.
    - f. Should the deviation request be granted, the installing contractor will be responsible to GenFlex Roofing Systems for a period of two-years from the date of GenFlex's inspection and acceptance under their installers agreement.
  6. Sheet metal work installation, regardless of material source, must be according to the sheet metal work manufacturer's instructions available from the manufacturer or supplier.
    - a. Sheet metal work formed by roofing contractors must be fabricated and installed in accordance with SMACNA and NRCA recommendations. All flange-mounted sheet metal work must be flashed according to the appropriate GenFlex material type's standard details. Sheet metal work formed by contractors is not eligible for warranty coverage unless the conditions listed under item "C" above are met and GenFlex accepts the sheet metal work for warranty coverage in writing.
    - b. Edge metal work must have metal joints stripped-in to the uppermost edge of the metal dam on the roof side.
    - c. GenFlex EZ TPO Peel & Stick SA (HW) projects using Peel & Stick Cover Tape to strip-in sheet metal work with a gravel dam (or a formed configuration capable of holding water on the edge of the installed cover tape) must have GenFlex Edge Caulk LVOC Sealant applied on both sides of the cover tape. TPO Peel and Stick Cover Tape must be slightly heat formed to conform to steps, laps and angle changes.
    - d. Gravel stop type sheet metal work on GenFlex EZ TPO Peel & Stick SA (HW) roof systems may be fabricated from GenFlex TPO Coated Metal to provide a suitable welding surface to seal the roof system to the sheet metal work. As an alternative on some GenFlex EZ TPO Peel & Stick SA (HW) applications, it may be appropriate and permissible to use a two-piece snap on fascia assembly instead of GenFlex TPO Coated metal.
  7. The approval of sheet metal work for inclusion in warranty coverage is conditional upon acceptance by GenFlex Roofing Systems, and, if approved, is subject to the "terms, conditions and limitations" of the requested warranty. Under no circumstance will any warranty coverage for sheet metal work exceed the wind speed limitation of the warranty issued for the roof system. Aesthetic appearance is expressly excluded from warranty coverage.
  8. Sheet metal work by others is not permitted on projects requiring full system warranties and wind speed coverage equal to, or greater than, 90 mph.
- G. Night Seal
1. Consult GenFlex Roofing Systems standard details.
  2. At the completion of each day's work, a watertight seal must be established at any loose edge of membrane with an appropriate sealant. Care must be used to guarantee that no water flows beneath any completed sections of roof. Consult GenFlex Roofing Systems standard night seal detail for method of attachment. Membrane contaminated with the sealant used as a night seal must be cut out and discarded prior to resumption of work.





## VI. WALKWAYS

- Consult GenFlex Roofing Systems standard details.
- Walkways are required at all access points to the roof system and recommended anywhere routine (routine is defined as once a month or more) traffic on the membrane surface is anticipated. Walkway pads are used to protect the weatherproofing membrane from damage or excessive wear and tear. Traffic-related roof damage is not covered by the GenFlex warranty. In areas of extreme traffic, contact GenFlex for options to enhance the roof system to prevent or mitigate traffic-related insulation damage. Walkway maintenance is the responsibility of the building owner because walkway pads are not part of the warranted waterproofing assembly.
- Should access to the roofing membrane be required to perform warranty service to the roof system, only GenFlex brand walkway pads will be moved and replaced as necessary to perform service at GenFlex's expense. Pavers, walkway systems, patio surface components and other products neither manufactured nor supplied by GenFlex Roofing Systems that impede roof system service must be removed and replaced at the building owner's expense.

## VII. FINISHED ROOF PROTECTION

When it becomes necessary for other trades to work over a completed area of new roof, the roofing membrane and flashing must be protected from physical damage. Proper and adequate protection includes installing a slip-sheet in the Work area overlaid with plywood or OSB, to dissipate the effects of traffic on the finished roof surface and to prevent impact damage to the system caused by dropped tools and/or equipment. If damage does occur to the roof system, it must be repaired immediately to preserve the integrity of the roof system. If the roofing membrane is damaged in more than six (6) locations within a 100 ft<sup>2</sup> (9.3 m<sup>2</sup>) area, new membrane extending 6" (152 mm) beyond the border of the damaged areas must be installed over existing membrane in accordance with GenFlex specifications. Secure the replacement membrane in the same manner as the existing membrane. Contact the GenFlex Technical Department with any questions on how to address comprehensive damage.