FIRESTONE RUBBERGARD™
APPLICATION INSTRUCTIONS
FIRESTONE QUICKSEAM™ SPLICE TAPE

Product Description:
Firestone QuickSeam Splice Tape is tape adhesive designed for field splicing RubberGard membrane panels where allowed by Firestone Specifications and Details. It is available in widths of: 3” (76 mm), 4” (101 mm), 6” (152 mm), and 7” (177 mm).

Method of application:

A. Position Membrane and apply guide marks:
   1. Place the RubberGard EPDM membrane in its final position, with appropriate membrane panel overlaps for seam areas, and allow the membrane to relax a minimum of 30 minutes. Consult the Firestone Technical Specification Manual for specific seam widths required by the system design and warranty term. Membrane panels shall be positioned with field seams in “shingle fashion” so the seams do not “buck” water during normal rooftop drainage.
      a. Mark the bottom panel ½” to ¾” (12 to 19 mm) past the edge of the top panel using the marker provided in 4’ to 6’ (1.2 to 1.8 m) intervals to serve as guide marks for applying the Splice Tape.
      b. Fold the top panel back exposing the full seaming/priming areas of the top and bottom membrane panels.
      c. When necessary, use Single-Ply QuickPrime™ Primer or Single-Ply QuickPrime LVOC Primer; QuickPrime Plus or QuickPrime Plus LVOC applied with the QuickScrubber™ or QuickScrubber Plus pad and handle to tack back the top panel. Apply a light application of primer to the top membrane panel at factory seams, and press the panel into the primer to tack the top EPDM panel back. Bonding Adhesive may also be used to tack back the top EPDM panel.

B. Primer Application:
   1. Thoroughly stir the Single-Ply QuickPrime Primer or Single-Ply QuickPrime LVOC Primer; QuickPrime Plus; or QuickPrime Plus LVOC Primer before and during use.
   2. Pour a small amount of primer into a pail or bucket (cover the primer when not in use).
   3. Prime all membrane surfaces to receive QuickSeam Splice Tape using Single-Ply QuickPrime Primer or Single-Ply QuickPrime LVOC Primer; QuickPrime Plus; or QuickPrime Plus LVOC applied with the QuickScrubber or QuickScrubber Plus pad and handle a minimum of 1” (25 mm) beyond the both sides of the seam area.
      a. Dip the QuickScrubber or QuickScrubber Plus into the primer, holding the applicator horizontal and flat to minimize primer drips.
      b. Apply the primer using long back and forth strokes with heavy pressure over the length of the seam area until the membrane surface becomes dark gray with no streaking or puddling, and all substrates to receive Splice Tape are completely covered with primer. Do not overwork the primer. Apply the primer to both mating surfaces at about the same time to insure simultaneous primer readiness.
      c. Allow the primer to completely dry before installing the QuickSeam Splice Tape typically about 10 minutes.
         1. Test for primer readiness by touching the primer with a clean, dry finger. Push down and forward as you are touching the surface of the primer to determine if the primer is ready throughout its thickness.
         2. If either motion exposes wet or stringy primer when the finger is lifted, it is not ready to mate. Drying time will vary depending on ambient air conditions.
Notes:
1. A full scrub pad will cover 4 to 5 lineal feet of one surface 4" wide. Change the scrub pad each 200 linear feet or when the primer has dried leaving the pad compressed.
2. If over-used, the pad will not hold the proper amount of primer.
3. Additional scrubbing is required on membrane that has become contaminated with bonding adhesive, dirt, or heavy dusting agent build-up at the seam area.
4. Overlaps of the QuickSeam Splice Tape must be a minimum of 1”.
5. Install QuickSeam Joint Covers as required by Firestone Specifications.

C. Position and Apply the QuickSeam Splice Tape:
1. Position the roll of QuickSeam Splice Tape at the start of the primed seam area so it can be unrolled covering the length of the seam.
2. Position the QuickSeam Splice Tape with the outer edge of the release liner aligned with the guide marks on the bottom membrane panel.
3. At the start of the primed seam area, press the exposed Splice Tape on the primed membrane panel. Take particular care to align the first 4’ to 6’ (1.2 to 1.8 m) of the Splice Tape roll so it will coincide, and properly track, with guide marks during unrolling and application.
4. Unroll the QuickSeam Splice Tape along the entire length of the seam in 4’ to 6’ (1.2 to 1.8 m) increments, using the guide marks to facilitate the Splice Tape setting and placement.
5. Immediately roll the QuickSeam Splice Tape with the release liner in place using the Firestone QuickRoller™; a 4” (101 mm) rubber roller; or clean short napped paint roller, applying firm pressure over the release liner surface. A new clean, dry scrub pad and handle may also be used for this purpose.
6. Release the top membrane panel from the tacked back areas and allow it to fall freely on the Splice Tape with release liner in place.
7. Broom the seam area with pressure towards the outer seam edge to ensure firm contact between Splice Tape and the primed membrane surfaces.
8. Inspect the edges of the seam. The Splice Tape’s release liner must extend beyond the edge of the top panel by ¼” minimum to ½” maximum (6 to 12 mm). Any area failing to do so shall be trimmed to offer ¼” minimum to ½” maximum (6 to 12 mm) exposure of release liner.
9. Remove the release liner from the Splice Tape by pulling the release liner at a 45° angle to the roof with one hand while maintaining downward pressure on the top panel with the other hand.
10. Broom the seam area with pressure towards the outer Splice Tape edge to ensure firm contact between the mated surfaces.
11. Roll the entire seam area with a 1½” (38 mm) wide silicone hand roller or the Firestone QuickRoller, first across the seam and then along the entire length, to ensure proper adhesion. Note: Do not use Firestone QuickRoller on field seams with mechanical anchoring in seams.
D. Precautions:
   1. Do not use Firestone QuickRoller on seams with mechanical anchoring in field seams.
   2. Thinning of primers is not allowed.
   3. Firestone Single-Ply QuickPrime Primer or Single-Ply QuickPrime LVOC Primer; QuickPrime Plus; and QuickPrime Plus LVOC are flammable. Do not store near open flame or ignition sources. Consult respective Material Safety Data Sheet prior to use.
   4. Red caution labels are required when shipping.
   5. For professional use only.
   6. Use only in well ventilated areas.
   7. Use of neoprene or nitrile gloves and eye protection with side shields is recommended.
   8. Apply Single-Ply QuickPrime Primer or Single-Ply QuickPrime LVOC Primer; QuickPrime Plus or QuickPrime Plus LVOC only in conjunction with QuickScrubber or QuickScrubber Plus. Do not apply primers with rollers, brushes, or rags.
   9. Mix primers thoroughly before and during use.
  10. Do not install over wet or damp substrates.

E. Application Tools Required:
   1. Firestone QuickScrubber and/or QuickScrubber Plus (handle and pad).
   2. 1½" wide Silicone Hand Roller and/or QuickRoller.
   3. Pail or bucket.
   4. Scissors.
   5. Long handle for QuickScrubber Plus handle.