

Application Instructions

FIRESTONE QUICKSEAM™ R.M.A. FASTENING STRIP

Product Description

QuickSeam R.M.A. Fastening Strip (hereafter referred to as “QS RMA Strip”) is a component of the RubberGard™ R.M.A. System as indicated in Firestone Specifications and Details. It consists of 10” (152.4 mm) wide RubberGard MAX™ membrane strip with two rows of 3” (76.2 mm) wide QuickSeam Tape factory laminated continuously along each outside edge.

A. Method of application:

1. Position QS RMA Strip in specified locations, *perpendicular to flutes in metal decking*, with the release liners facing up. Do not remove release liners until the tape is ready to be mated to primed RubberGard membrane.
2. Anchor QS RMA Strip to the roof deck with Firestone V-Plates or Firestone Batten Strips using Firestone Fasteners 12” (305 mm) on center per current specifications. Fastener spacing density may be increased at perimeter or corner areas. Apply a dab of AP Sealant over fastener heads when using Batten Strips to anchor QS RMA Strip. *Install QS RMA Strips perpendicular to flutes in metal decking.*
3. When continuing a run with a new roll of QS RMA Strip, overlap the new roll onto the first roll by a minimum of 3” (76 mm). Round the corners on the end of the new roll of QS RMA Strip, and apply Single-Ply QuickPrime™ Primer or Single-Ply QuickPrime LVOC Primer; QuickPrime Plus or QuickPrime Plus LVOC Primer to the underside membrane area of the new roll that will contact the tape portion of the QS RMA Strip already installed. Remove the release liner on tape portion of the first roll at the area to accept the primed area of the new roll. After the primer has dried, mate the tape portions into the primed portion of the new roll and roll the top surface using a 1½” wide silicone coated rubber hand roller.
4. Install a common plate and fastener 1½” (38 mm) in from the overlap of QS RMA Strips. When using batten strips, butt the two rolls together instead of overlapping, with the batten strip continuing over the adjacent rolls of QS RMA Strip.
5. Position the RubberGard membrane over the QS RMA Strip with the release liners in place.
6. Allow the RubberGard membrane to relax a minimum of 30 minutes.
7. Fold the RubberGard membrane back to expose the QS RMA Strip. While folding the membrane back, mark the areas of RubberGard membrane that will cover the QS RMA Strip (and receive primer) to serve as a guide for priming.

B. Prime membrane to receive QS RMA Strip:

Apply Single-Ply QuickPrime Primer or Single-Ply QuickPrime LVOC Primer; QuickPrime Plus; or QuickPrime Plus LVOC Primer to the RubberGard membrane at areas to receive the QS RMA Strip, and the center portion of QS RMA without tape, as follows:

1. Thoroughly stir the Single-Ply QuickPrime Primer or Single-Ply QuickPrime LVOC Primer; QuickPrime Plus; or Quick Prime Plus LVOC Primer before and during use.
2. Pour a small amount of primer into a pail or bucket (keep the primer covered when not in use).
 - a. Dip the QuickScrubber or QuickScrubber Plus into the container of 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 membrane at the tape contact area until surfaces become dark gray with no streaking or puddling and the substrate is completely covered. Do not overwork the primer.

- c. Allow the primer to completely dry before mating the primed RubberGard membrane to the QS RMA Strip (about 10 minutes).
 1. Test for dryness by touching the primer with a clean, dry finger.
 2. Push down and forward as you are touching the surface of the primer to determine if the primer is ready throughout its thickness.
 3. 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 conditions.

NOTES:

1. A full scrub pad will cover 4 to 5 lineal feet of priming 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 areas to receive tape.
4. The center portion the QS RMA Strip without tape may be bonded to the membrane using primer: Single-Ply QuickPrime Primer or Single-Ply QuickPrime LVOC Primer; QuickPrime Plus; or QuickPrime Plus LVOC Primer.

C. Mate primed membrane to QS RMA Strip

1. Remove the release liners from the tape portions of the QS RMA Strip simultaneously.
2. Roll the primed membrane onto the QS RMA Strip, avoiding wrinkles in the RubberGard membrane.
3. Broom the freshly mated EPDM to the QS RMA Strip using a stiff bristle broom to initiate adhesion of the tape to the primed RubberGard membrane.
4. Roll the membrane mated over the QS RMA Strip using a QuickRoller™, first parallel and then perpendicular to the QS RMA Strip to ensure proper adhesion.

D. Precautions:

1. Thinning of primers is not allowed.
2. Firestone Single-Ply QuickPrime Primer or Single-Ply QuickPrime LVOC Primer; QuickPrime Plus; and QuickPrime Plus LVOC Primers are flammable. Do not store near open flame or ignition sources. Consult respective Material Safety Data Sheets prior to use.
3. Red caution labels are required when shipping.
4. For professional use only.
5. Use only in well ventilated areas.
6. Use of neoprene or nitrile gloves and eye protection with side shields is recommended.
7. Apply Single-Ply QuickPrime Primer or Single-Ply QuickPrime LVOC Primer; QuickPrime Plus; or QuickPrime Plus LVOC Primers only in conjunction with QuickScrubber or QuickScrubber Plus. Do not apply primers with rollers, brushes, or rags.
8. Mix primers thoroughly before and during use.
9. Do not install over wet or damp substrate.
10. Do not use metal rollers or power rollers on mated EPDM over QS RMA Strip.
11. QS RMA Strip shall be installed perpendicular to flutes in metal decking.

E. Application Tools Required:

1. Firestone QuickScrubber Plus and/or QuickScrubber Holder (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.
6. Stiff bristle broom