

Firestone

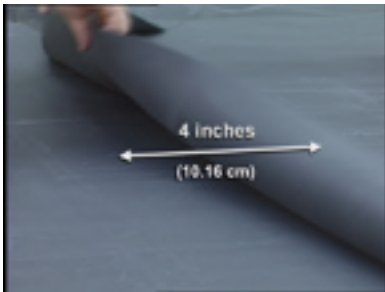
SPECIALTY PRODUCTS

Firestone EPDM Geomembrane Installation Detail 10

Creating a Seam with 3.00" (7.62 cm) QuickSeam™ Splice Tape



Step 1- Ensure the liner is dry and free of mud and other contaminants.



Step 2- Overlap the adjacent Firestone EPDM Geomembrane panels by a minimum of 4.00" (10.16 cm). Allow the panels to relax for 15 minutes.



Step 3- Mark the overlap with a white marker to ensure the membrane returns to this placement after priming.



Step 4- Tack-back the overlap of the top Firestone EPDM Geomembrane panel using QuickPrime™ Plus Primer as an adhesive.

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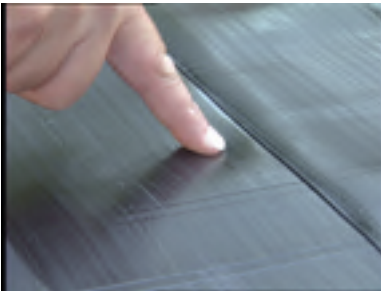
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Step 5- Using a scrubber pad and holder; apply the QuickPrime Plus Primer to the bottom surface of the top panel and the top surface edge of the bottom panel.



Step 6- Test the primer flash-off by touching the primed area with your finger and pushing forward at an angle. The primer should not string as your finger is moved up and away.



Step 7- Adhere the 3.00" (7.62 cm) QuickSeam Splice Tape to the primed surface of the bottom panel.



Step 8- Check the QuickSeam Splice Tape alignment to avoid "fish mouths" or folds in the tape.

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Step 9- Expose 0.25" to 0.125" (0.64 to 0.32 cm) of the tape outside the overlap. Remove the release paper and allow the top Firestone EPDM Geomembrane panel to fall across the tape while pulling the release paper away at a 45° angle.



Step 10- Use a broom to brush over the splice to solidify the adhesion. Check for fish mouth folds and smooth out as necessary.



Step 11- Using a hand or stand-up roller; roll the seam longitudinally and across the seam in overlapping sections to mate the seam together.



Step 12- Using a compressed air source, test all bonded seams using a minimum 50 p.s.i. (344.74 kPa) air supply directed through a 0.1875" (0.48 cm) nozzle held within 2.00" (5.08 cm) of the seam edge.

Note: Do not exceed 75 p.s.i. (517.11 kPa) or it may cause damage to the seam.

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This Detail featured these Firestone Products:

Product

- Firestone EPDM Geomembrane
- 3.00" (7.62 cm) QuickSeam Splice Tape

- QuickPrime Plus Primer

- QuickScrubber™
- QuickScrubber Plus™
- Hand Roller
- Quick Roller

Item #

Varies By Size
W56RAC1603
or
W56RAC1698
or
W563587041
W563587044
W563582045
W563582049
W563582023
W563582026