

Firestone

SPECIALTY PRODUCTS

Firestone EPDM Geomembrane Installation Detail 20 **Adhering Firestone EPDM Geomembrane Panel to a Substrate with a Termination Bar or Strip**



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



Step 2- Place the Firestone EPDM Geomembrane panel upon the substrate and allow it to relax for 15 minutes, additional time may be required in cool weather.



Step 3- Fold the panel back to expose the underside that is to be adhered to the substrate, minimize wrinkles before, during and after installation.



Step 4- Using chemical resistant paint rollers; apply the bonding adhesive at its specified rate in an even, uniform thickness to the exposed underside of the Firestone EPDM Geomembrane panel and the substrate's exposed surface.

Note: Avoid application of bonding adhesive to any membrane or flashing that will be seamed in the future, as bonding adhesive may prevent proper bonding of the seam.

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Step 5- Test the bonding adhesive for proper flash-off by touching it with your finger and push at an angle. The bonding adhesive should not string as your finger is moved up and away.



Step 6- Bond the Firestone EPDM Geomembrane panel to the wall substrate by rolling the liner surface onto the substrate evenly, generally starting at the bottom and working upwards.



Step 7- Using a stiff bristled broom or heavy roller; compress the adhesive coated panel onto the adhesive coated substrate to ensure proper bonding.



Step 8- Place a continuous bead of Water Block Seal at the proper elevation on the wall and on the Firestone EPDM Geomembrane panel so as to form a continuous seal directly behind the final placement of the termination bar or strip.

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Step 9- Place the termination bar or strip.

Note: If fasteners are placed in pre-drilled or pre-formed holes, align all holes before puncturing the membrane.



Step 10- Install the appropriate fasteners and tighten them puncturing the membrane and forming a compression seal to the substrate. Do not over tighten the fasteners.



Step 11- Place a continuous bead of Lap Sealant HS or All Purpose Sealant along the top of the termination bar and over the exposed fasteners.

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This Detail featured these Firestone Products:

Product

- Firestone EPDM Geomembrane
- QuickPrime™ Plus Primer

- Bonding Adhesive
- Termination Bar
- Water Block Seal
- Lap Sealant HS
- All Purpose Sealant
- QuickScrubber™
- Hand Roller

Item #

Varies By Size
W563587041
or
W563587044
W563587051
W56RAC3061
W563587071
W563587031
W563587078
W563582045
W563582023