

# Firestone

## SPECIALTY PRODUCTS

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### 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