

POLY-TUFF SYSTEMS INTERNATIONAL

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PSI Tech-Note

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BELOW GRADE POSITIVE SIDE WATERPROOFING PRECAUTIONS

The main source of leaks from positive side waterproofing are from three areas, the footer to vertical wall juncture, cracks in the wall and snap tie, or wall tie holes.

Potential Problem Areas:

1. Cracks in the wall – Preventative Action: Seal the crack with E-101 and reinforce waterproofing at the crack with a detail coat of Terra-Shield BG Vertical Grade. Use Yellow Jacket Tape or Tie-Tex 325(6) fabric 4" over the crack.
2. Snap Tie Holes – Preventative Action: Seal the snap tie hole with E-101 Joint Sealant first before coating. Make sure the plug is completely filled full.
3. Footer to Vertical Wall Juncture - Preventative Action: Seal the footer to wall juncture with a 1" bead of E-101 as cove bead. Make sure the footer is completely clean and dry, prime as necessary. If the footer transition to the wall is smooth enough to reinforce the Terra-shield with a 6" fabric into the coating as a detail coat, it is recommended.
4. Preventative Action: Fill any bug holes, with E-101 Joint Sealant ahead of the waterproofing application.
5. Preventative Action: Fill any honeycomb in the concrete with a non-shrink grout and allow to cure before coating.

6. Preventative Action: Remove any fins or concrete snots left on the surface of the concrete from the forms. Prior to the coating application.
7. Preventative Action: Allow the membrane waterproofing to fully cure before backfilling operation.
8. Use wet mil gauge thickness testers to verify mil thickness coating application rates.

The product data sheets in the product data sheet section of the Poly-Tuff Binder or at www.polytuffus.com. Fell free to consult the related data sheet or call 866.977.8833 for further information.

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