

Vertical Drainage Board Installation – Anchor Bonding Method

Technical Bulletin

September 2018

Issue: Waterproofing drainage boards installed vertically using traditional bonding methods are susceptible to adhesive failure and falling down over time. This issue can be enhanced at high temperatures and can occur regardless of the type of waterproofing membrane.

Recommendation: Use the Anchor Bonding Method to increase bond strength and prevent adhesive failure.

Anchor Bonding Method

Step 1: Lay out drainage board to be installed. 4 to 6 inches (6 to 9 dimples) below what will be the top of the drainage board cut only the plastic core from one side to the other with a utility knife. Do **not** cut through the fabric.



Step 2: Remove the top 4 to 6 inches (6 to 9 dimples) of plastic core exposing the fabric.



Step 3: Apply a full coat (80%-100% coverage) of adhesive across at least the top 4 to 6 inches of the membrane where the drain board will be installed. Use a frame and fill pattern to apply adhesive to the rest of the membrane.



Step 4: When the adhesive is ready, align the top 4 to 6 inches of exposed fabric on the drain board with the top 4 to 6 inches of full coverage adhesive on membrane. Apply heavy pressure to compress the fabric into adhesive. This area will act as the anchor for the board.



Step 5: Working from the top down, apply heavy, uniform pressure to compress the drain board into the adhesive. Be sure to also compress the fabric on the sides of the board into the adhesive. Fabric and plastic core should exhibit a strong initial bond to the adhesive.



- Backfill exposed areas as soon as possible to prevent damage to the waterproofing materials.
- The same steps can be used for the bottom of the board to prevent curling up.
- This method can also be used on film backed drainage boards.

**A video demonstrating the Anchor Bonding Method can be seen at:
www.youtube.com/gludown**

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