

### INSTALLATION INSTRUCTIONS

## DELTA<sup>®</sup>-DRAIN 2000, 6000, 6200 HI-X

#### NOTES

The installation instructions for DELTA<sup>®</sup>-DRAIN 2000, 6000, or 6200 HI-X are intended only as a guide and are for the convenience of contractors, specifiers, and other interested parties. The final application and details are the sole responsibility of the design authority on record for the project.

Installers must have experience installing drainage composites with a minimum of 5 projects (recommended).

Ensure protrusions that may penetrate the membrane are removed from substrate.

#### Foundation Wall Drainage Composite Applications (Positive Side):

Install drainage composite with flat side against wall, geotextile facing the soil, and over waterproofing. Drainage composite should be installed starting at the anticipated grade level down to footing, and in other locations as indicated by construction plans. Start at lowest point and work to top, running length of sheets horizontally or vertically, draping over top of footing.

Position the first row of DELTA<sup>®</sup>-FAST'ners 8" (200 mm) below the top of DELTA<sup>®</sup>-DRAIN 000's HI-X. Fasten drainage composite using DELTA<sup>®</sup>-FAST'ners with concrete nails in a "W" pattern 12" (305 mm) o/c.

Distance between rows should be 4" to 6" (100 mm to 150 mm).

At end laps (vertical), strip back the geotextile of adjoining layer. Cut back the core of the DELTA<sup>®</sup>-DRAIN 000's HI-X by 4" (100 mm). Butt the adjacent layer overlapping the geotextile only. Fasten in place with DELTA<sup>®</sup>-FAST'ners at 12" (305 mm) o/c along overlap.

At end laps (horizontal), overlap the drainage composite by 6" (150 mm) in a downward shingle fashion. Do not interlock the dimples.

Install sheets without gaps, wrinkles, creases or tears.

Fold the fabric over the top edge and fasten 8" on center.

#### Blind Side Applications (Negative Side):

On lagging, pile, or earth forms, and other "blind" wall construction, install drainage composite with geotextile in contact with soil retention system.

Seal butt joints on core side of drainage composite continuously with 4" (100 mm) DELTA<sup>®</sup>-MULTI BAND tape.

At vertical joints, butt edges together and tape drainage composite with 4" (100 mm) DELTA<sup>®</sup>-MULTI BAND.

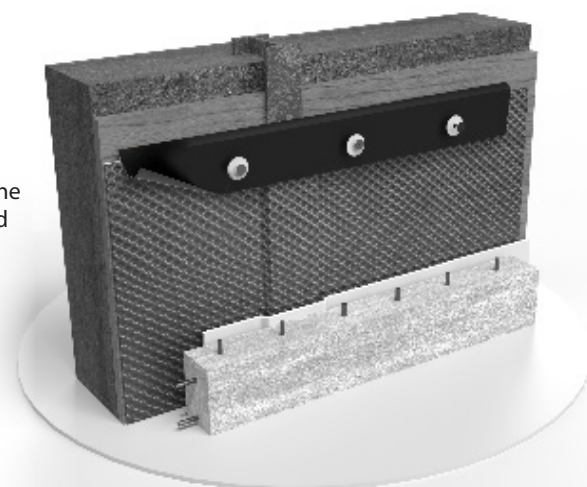
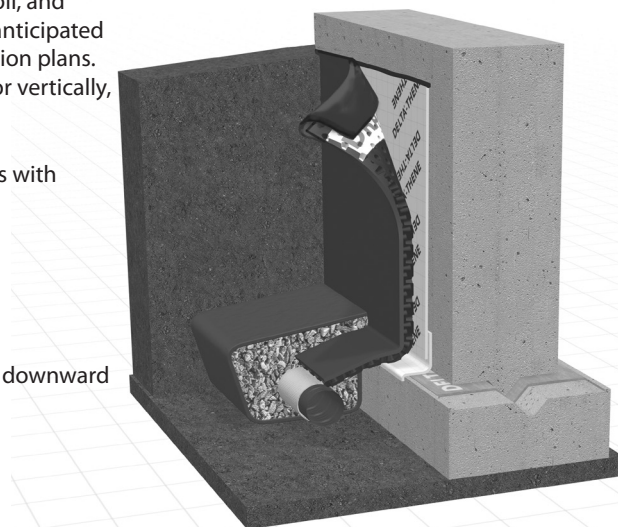
At horizontal joints fasten lower drainage composite along top edge. Butt upper drainage core with the lower drainage core. Overlap the geotextile in a shingle fashion to prevent soil particulates from entering the air gap, potentially clogging the drainage core. Tape the horizontal joint with 4" (100 mm) DELTA<sup>®</sup>-MULTI BAND.

Use galvanized nails. Nail length will vary depending upon the surface to which the prefabricated drain is being attached. Galvanized nails should have flat heads, and washers or wood strapping may be used to prevent the nail head from being driven through the drainage composite.

Fold the fabric over the top edge and fasten 8" on center.

At end laps, cut back the core of the DELTA<sup>®</sup>-DRAIN 000's HI-X by 4" (100 mm).

Fold the remaining geotextile in a manner that prevents soil particulates from entering the air gap. Fasten in place 8" (200 mm) o/c.



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