

DELTA®-TERRAXX

Powerful protection and drainage for deck and below grade wall waterproofing

Health and Safety

- Required safety equipment: hard hat, safety boots, gloves and safety glasses.
- Always follow all safety precautions as directed by the Occupational Safety and Health Administration (OSHA-USA) or the Construction Safety Association (Canada).
- Please refer to Safety Data Sheets for all components and observe all recommended safety precautions therein.
- The general codes of practice for protection at work and instructions of the manufacturers for tools and components are to be observed at all times.

Recommended Materials

- DELTA®-TERRAXX
- DELTA®-FAST'ners
- DELTA®-MULTIBAND Tape

Recommended Tools

- Utility knife
- Measuring tape
- Hammer or nail gun

Recommended fasteners when fastening in the field of membrane

- Galvanized nails with flat heads.

Installation

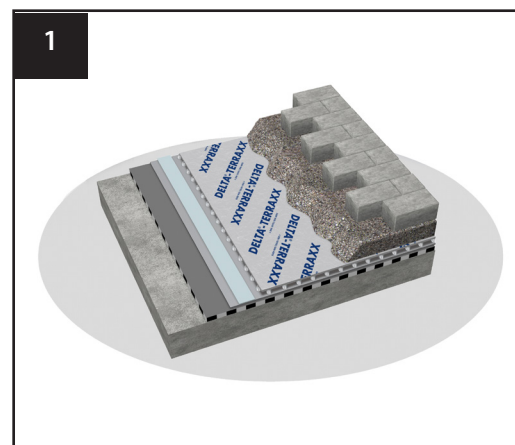
- The installation instructions for DELTA®-TERRAXX are intended only as a guide and are for the convenience of contractors, specifiers, and other interested parties. The final application and details are the sole responsibility of the design authority on record for the project.
- Installers must have experience installing drainage composites with a minimum of 5 projects (recommended).
- Ensure protrusions that may penetrate the membrane are removed from substrate.

Podium Deck Drainage Composite Applications (flat surfaces, roofs, etc)

- Roll out membrane onto a waterproofed substrate with geotextile facing upward towards the overburden (cup side down, fabric side up).
- At end laps, strip back the geotextile of adjoining layer. Cut back the core of the DELTA®-TERRAXX by 4" (100 mm). Butt to the adjacent layer, overlapping the geotextile only. Do not interlock the dimples.
- At side laps with the self-adhering flat tab, place the subsequent course on the flat tab of the previous course with the dimples butted together. Remove the release liner from the adhesive strip and press the sheets together, ensuring intimate contact between the drainboard and the adhesive strip. Overlap the excess fabric onto the adjoining sheet to keep out soil particulate.
- Install sheets without gaps, wrinkles, creases, or tears.

Foundation Wall Drainage Composite Applications (Positive Side):

- Install drainage composite with flat side against wall, geotextile facing the soil, and over waterproofing. When installed vertically, drainage composite should be installed starting at the anticipated grade level down to footing, and in other locations as indicated by construction plans.
- When installing horizontally, start at lowest point and work to top, running it the length of the sheets, and draping over the top of the footing.
- Position the first row of DELTA®-FAST'ners 8" (200 mm) below the top of DELTA®-TERRAXX. Fasten drainage composite using DELTA®-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).



- If the membrane is installed vertically, at end laps, overlap the drainage composite by 6" (150 mm) in a downward shingle fashion. Do not interlock the dimples.
- If the membrane is being installed horizontally, at end laps, strip back the geotextile of the adjoining layer. Cut back the core of the DELTA®-TERRAXX by 4" (100 mm). Butt to the adjacent layer, overlapping the geotextile only. Do not interlock the dimples. Fasten in place with DELTA®-FAST'ners at 8" (305 mm) o/c along overlap.
- At side laps with the self-adhering flat tab, place the subsequent course on the flat tab of the previous course with the dimples butted together. Remove the release liner from the adhesive strip and press the sheets together, ensuring intimate contact between the drainboard and the adhesive strip. Overlap the excess fabric onto the adjoining sheet to keep out soil particulate.
- 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 without the flat tab and adhesive strip on core side of drainage composite continuously with 4" (100 mm) DELTA®-MULTI BAND tape.
- At joints with the flat tab and adhesive strip, butt edges, place the subsequent course on the flat tab of the previous course with the dimples butted together. Remove the release liner from the adhesive strip and press the sheets together, ensuring intimate contact between the two drainboards.
- Overlap the geotextile in a shingle fashion to prevent soil particulates from entering the air gap, potentially clogging the drainage core.
- Joints with the self-adhering flat tab do not require additional tape.
- 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®-TERRAXX by 4" (100 mm). Fold the remaining geotextile in a manner designed to keep soil particulate from entering the air gap. Fasten in place 8" (200 mm) o/c.

For technical support, call our Technical Support Team at 1-888-433-5824 extension 326, or visit www.dorken.com

