

## DELTA®-TERRAXX

Powerful protection and drainage for Blind Side Waterproofing



- Protection and drainage system
- Easy to apply over soil retention systems
- For all blind side applications
- Fast and easy installation
- Available in Plus with integrated self-adhesive flat tab

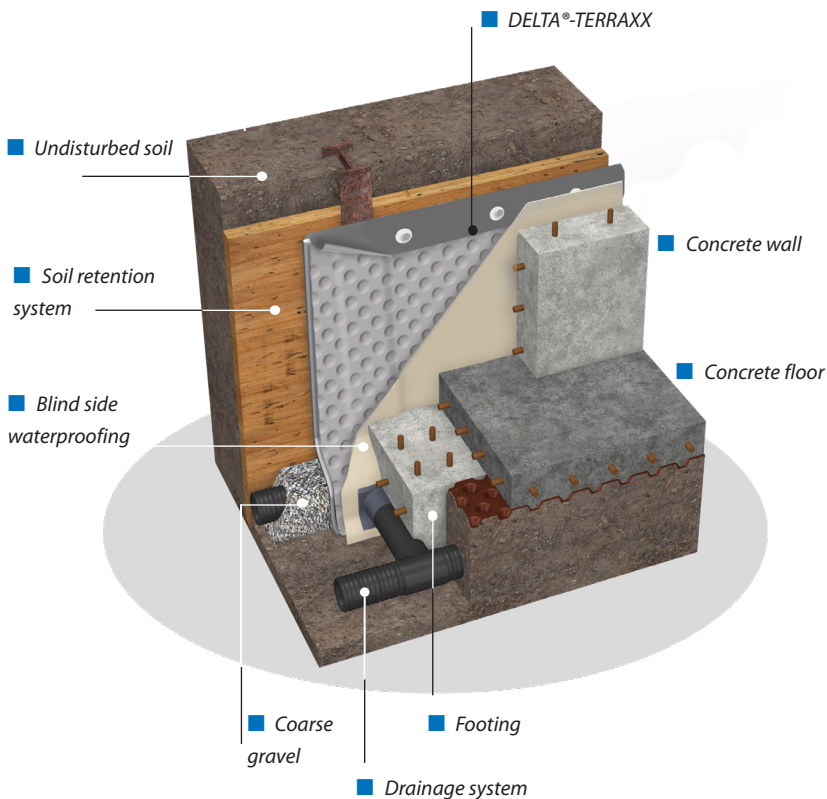




Complete and effective protection and drainage :

# DELTA®-TERRAXX/PLUS

## Innovative Drainage for all Blind Side Waterproofing Applications



### Technical Data :

Color	Silver
Material	drainage core: virgin HDPE: geotextile (gray)
Dimple height	2/5" (9 mm) ASTM D5199
Compressive strength	approx. 8,500 psf (406 kN/m <sup>2</sup> ) ASTM D6364-06
Geotextile grab tensile strength	120 lbs (534 N) ASTM D4632
Geotextile elongation	60% ASTM D4632
Geotextile trapezoidal tear	35 lbs (156 N) ASTM D4533
Geotextile puncture strength	25 lbs (110 N) ASTM D4833
Geotextile apparent opening size (AOS)	50 sieve size (0.30 mm) ASTM D4751-99
Geotextile water flow rate	95 gal/min/ft <sup>2</sup> (3895 l/min/m <sup>2</sup> ) ASTM D4491
Permittivity	0.8 sec-1 ASTM D4491
Geotextile weight (typical)	3.0 oz/yd <sup>2</sup> (104 g/m <sup>2</sup> ) ASTM D5261-92
Geocomposite water flow rate @ hydr. grad. 1.0	16.6 gal/min/ft (206 l/min/m) ASTM D4716-99
Geocomposite water flow rate @ hydr. grad. 0.1	4.77 gal/min/ft (59 l/min/m) ASTM D4716-99
Toxicity	non-toxic, non-polluting
Roll dimensions/ weight	6'-7" x 41' (2 m x 12.5 m) 40 lbs (17.9 kg)
Service life expectancy	±25 years (at pH between 4 and 9 and temperature below 77°F / 25°C). Do not expose to UV light for more than 30 days.

### DELTA®-TERRAXX in blind side waterproofing.

Blind side waterproofing is one of the most difficult applications to complete correctly. "Blind side" means that the foundation protection system must be built from the soil retention system inwards. These applications are most common in urban areas with projects that have deep foundations placed at or near property lines or existing structures. There will be some type of soil retention system, such as wood lagging or

caisson walls. The soil retention system will act as one of the concrete forms for the wall in combination with a single sided form to the inside.

DELTA®-TERRAXX is easily installed against most any soil retention system to provide superior performance either stand alone or with a blind side waterproofing membrane. With compressive strength suitable for depths

down to 7 stories, DELTA®-TERRAXX is the choice for durable, effective, and long-lasting drainage.

The self-adhering tab of DELTA®-TERRAXX PLUS helps keep concrete from flowing through and reduces the need for taping seams.

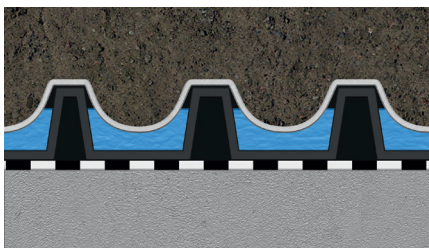


# Dependable and lasting drainage performance.

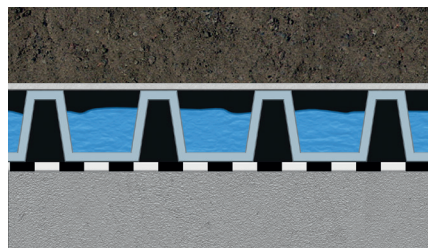
## True Performance Under Load

Conventional drainboards use needlepunched filter fabrics that stretch under load. DELTA®-TERRAXX provides more reliable drainage performance in jobsite conditions. Its high-performance polypropylene geotextile is exceptionally strong. The high initial modulus combined with minimum deformation under increasing load ensures that

flow rates are not compromised. The geotextile is made from thermally bonded, continuous polypropylene fibers. The thin 3-dimensional structure of the geotextile is engineered to reduce the risk of clogging.



Drainboard with conventional filter fabric



DELTA®-TERRAXX

## Longterm Durability

DELTA®-TERRAXX is made from a specially formulated, highly durable HDPE to ensure reliable long-term drainage and waterproofing protection.

We use a potent blend of additives and anti-oxidants to stabilize the polymer against aging and degradation.

As a result, DELTA®-TERRAXX is exceptionally resilient against stress-cracking and oxidation. This ensures reliable drainage performance of DELTA®-TERRAXX throughout its service life.



## DELTA®-TERRAXX PLUS Integrated Self-adhering Edge

Also available as DELTA®-TERRAXX PLUS, with an exclusive self-adhesive flat tab. The tightly, self-adhered side overlaps help prevent concrete from leaking between, reducing the need for taping drainboard joints.



## DELTA®-TERRAXX for blind side walls.

Management of water on foundation walls is critical to the long term sustainability and durability of any below grade structure. DELTA®-TERRAXX provides multiple functions: protection, filtration, and drainage. Forming a robust protection and drainage layer, it effectively prevents water from accumulating by providing space for water to flow safely to collection points. Its water

drainage capacity is remarkably greater than that of gravel or other aggregates alone. Its smooth back ensures that loads are distributed evenly across the entire surface of the waterproofing. DELTA®-TERRAXX is compatible with all commercial waterproofing. No additional protective layer is needed. As a water management layer, DELTA®-TERRAXX protects against backfill

damage, rough substrates, and seepage water. The optimal solution for maximum security.

# DELTA®-Accessories for DELTA®-TERRAXX.

**Dörken makes your life easier – systematically.**

You are sure to appreciate these handy DELTA®-Accessories:



**DELTA®-FAST'ner**  
multistud fastener for  
the secure attachment  
of DELTA®-TERRAXX.



**DELTA®-MOLDSTRIP**  
used at terminations of  
DELTA®-TERRAXX.



**DELTA®-MULTI BAND**  
pure acrylic adhesive  
tape used at overlaps .

# DELTA®



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