

## DELTA®-TERRAXX

Powerful protection and drainage for deck  
and below grade wall waterproofing



Leonardo Glass Cube by 3deluxe

- Protection and drainage system
- Extends life of waterproofing membrane
- For applications over waterproofing
- Fast and easy installation
- Available in PLUS version with self-adhesive flat tab

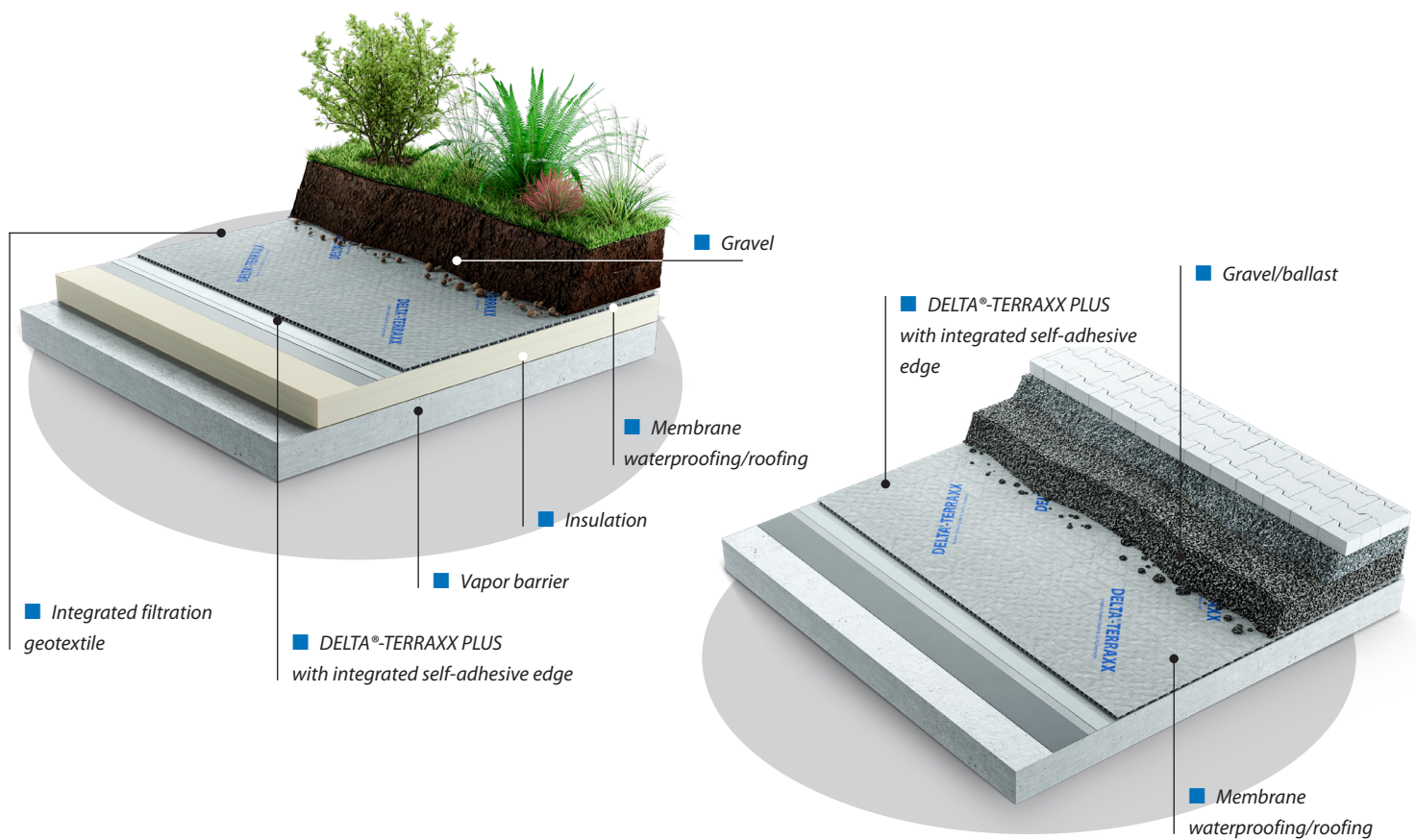




Complete and effective protection and drainage :

# DELTA®-TERRAXX/PLUS

## Innovative Drainage for Roofs, Podium Decks, and Fo



### DELTA®-TERRAXX PLUS in ballasted or paved roofs.

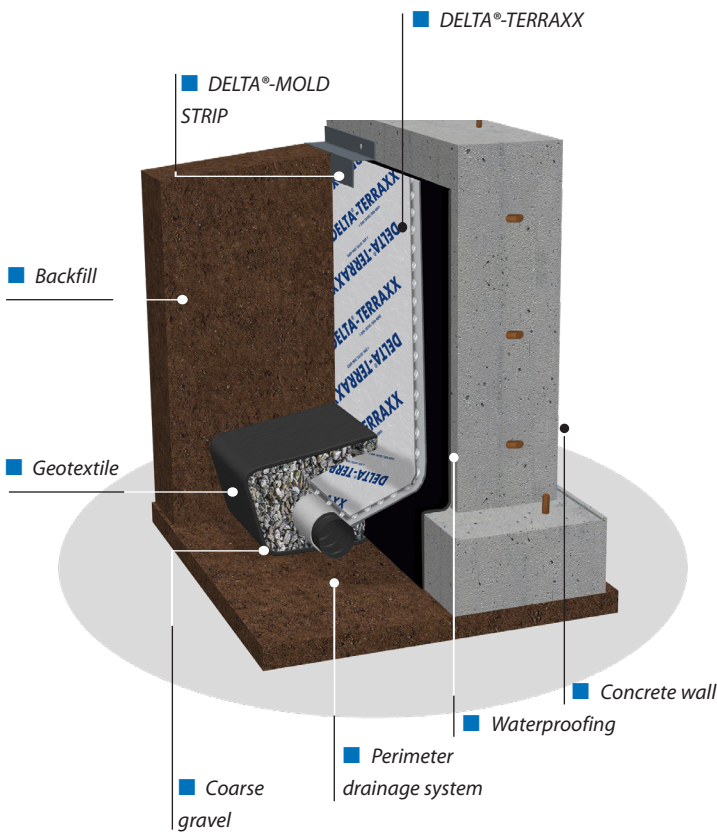
In roofs that are used by vehicles or pedestrian traffic, DELTA®-TERRAXX PLUS functions as protection, filtration, and drainage. Applied on top of waterproofing, it can be covered directly with a layer of sand or aggregate under pavement, interlocking stone, or other traffic toppings. On ballasted roofs, DELTA®-TERRAXX PLUS protects the primary roof membrane from mechanical

damage, aggregate penetration, and water accumulation. DELTA®-TERRAXX PLUS drainage layer ensures that any precipitation is drained away without delay. If the drainage layer was composed only of the aggregate, its drainage function would be limited, risking the accumulation of water. Freeze/thaw cycles could then cause frost heaving, spalling in the pavement or damage to the

roof. Proper drainage is critical because pooled water could invalidate the roof membrane warranty.



# Foundation Walls.



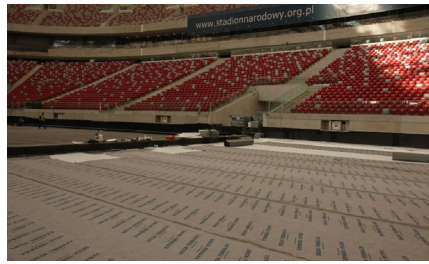
Technical Data :	
Color	Silver
Material	drainage core: virgin HDPE: geotextile (gray)
Dimple height	2/5" (9 mm) ASTM D5199
Compressive strength	approx. 8,500 psf (406 kN/m <sup>2</sup> ) ASTM D6364-06
Geotextile grab tensile strength	120 lbs (534 N) ASTM D4632
Geotextile elongation	60% ASTM D4632
Geotextile 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	595 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 for below grade 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 and seepage water. The optimal solution for maximum security.



# Dependable and lasting drainage performance.

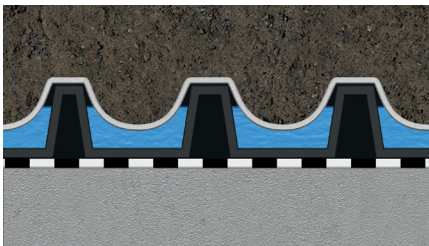
## True Performance Under Load

Conventional drainboards use needlepunched filter fabrics that stretch under load.

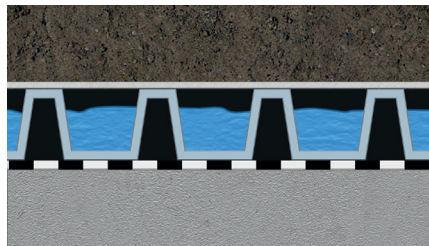
DELTA®-TERRAXX provides more reliable drainage performance in jobsite conditions.

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

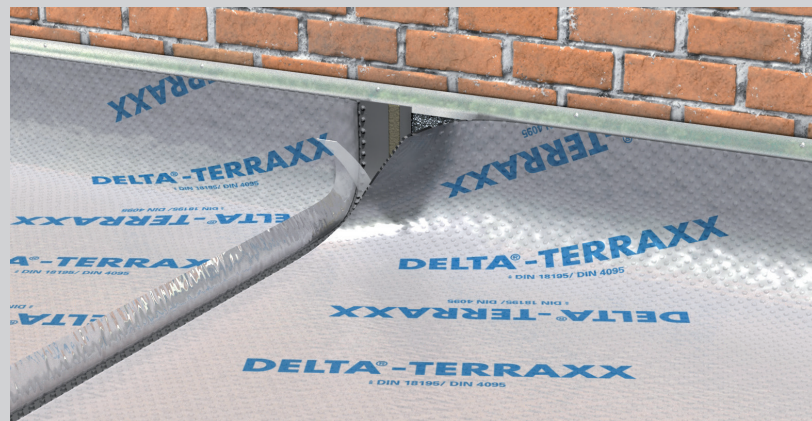
DELTA®-TERRAXX is made from a specially formulated, highly durable HDPE to ensure reliable long-term drainage and waterproofing protection.

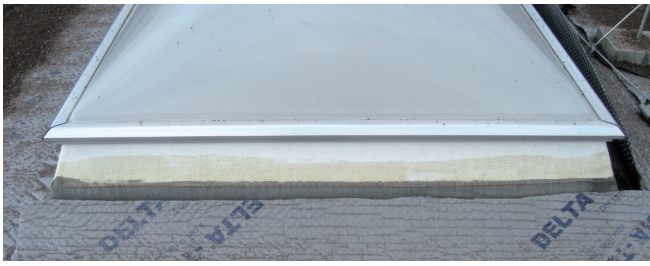
We use a potent blend of additives and anti-oxidants to stabilize the polymer against aging and degradation. As a result, DELTA®-TERRAXX is exceptionally resilient against stress-cracking and oxidation. This ensures reliable drainage performance of DELTA®-TERRAXX throughout its service life.

## DELTA®-TERRAXX PLUS

### Integrated Self-adhering Edge

Also available as DELTA®-TERRAXX PLUS, with an exclusive integrated self-adhesive flat tab for greater placement stability. The lay-flat design requires no ballast during installation, even in wind. This means an open, stable and unobstructed work surface.





## Large rolls for few overlaps and fast coverage.

### Minimizes labor

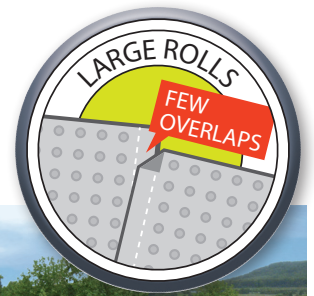
DELTA®-TERRAXX's roll size is 6' 7" (2 m) wide and 41' (12.5 m) long. The larger roll size is light and easy to carry bringing extra efficiency to every job-site.

The larger rolls reduce handling costs dramatically due to fewer rolls being required. Installation is significantly faster.

There is less rolling out, less overlapping and less detailing required.

With the integrated self-adhering edge of the PLUS version, the membrane stays in place. No wasted effort repositioning previously placed membrane.

DELTA®-TERRAXX brings extra efficiency to every job-site.



# 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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