



### Description

The Delta Terraxx is a 9mm dimpled drainage and protection membrane with geotextile layer which acts as a surface layer, used as a green roof external drainage layer which also offers protection to the primary waterproofing system.

Suitable for external vertical and horizontal waterproofing applications.

Delta Terraxx has been designed to quickly divert surface water away from a structure, avoiding any build-up of water pressure. With a higher drainage capacity than chips and gravel, Delta Terraxx vastly improves the drainage of new basement walls and buried roofs. It can also be used for walkable and drivable surfaces.

Delta Terraxx conforms to both DIN 18531 and DIN 4095.

### Features

- 9mm studded profile
- Air Volume between studs: 7.9 l/m<sup>2</sup>
- Compressive Strength: >400 kN/m<sup>2</sup>
- Geotextile filter to stop the drain clogging
- Perforated slip layer with wick
- Effectively prevents the buildup of water pressure on primary waterproofing system
- Outstanding drainage capacity for dealing with large quantities of water
- Rotproof

### Packaging

Supplied in 2.4m x 12.5m rolls

### Durability

Delta Terraxx with tested long-term resistance of up to 100 years - is free of recycling material in accordance with DIN 18531 and DIN 4095 and has passed tests for aging resistance by independent and accredited testing institutes.

### Product Details

DMS 025

### Fields of Application

- Acts as a surface drainage layer in vertical and horizontal applications
- Acts as a protection drainage layer for primary waterproofing systems
- Green roofs
- Buried roofs
- Podium decks
- Civil engineering projects

### Specification

- J40/295 Geocomposite studded cavity drainage/ venting membrane
- J42/385 Filter Layer
- Q37/350 Drainage Layer
- R16/360 Polyethylene Sheet for Filer Drain capping
- Pr\_25\_57\_51\_36

### Associated Products

- Delta Aquaduct
- Delta Terraxx Schraube Fixings
- Delta Terraxx Profile Strip
- Koster Deuxan 2C
- Koster NB 4000



**Technical Data**

Delta Terraxx	
Material of the Dimpled Sheet	High Density Polyethylene (PE-HD)
Material of the Geotextile	Polypropylene
Height of Dimples	Approx. 10mm
Air Gap	Approx. 7.9L/m <sup>2</sup>
Service Temperature Range	From -30°C to +80 °C
Application	In drainage systems for draining (D) and filtering (F) as a protective layer of the seal according to the standards DIN 18531 and DIN 18533
Compressive Strength	Approx. 400 kN/m <sup>2</sup> (EN ISO 25619-2)
Tensile Strength	MD 15,7 kN/m, CMD 14,9 kN/m (EN ISO 10319)
Dynamic Perforation Resistance	35 mm (EN ISO 13433)
Characteristic Opening Size	140 µm (EN ISO 12956)
Water Permeability	0,07 m/s (EN ISO 11058)
Water Flow Capacity in the Plane	3,17 l/m -s bei 20 kPa (Gradient i=1,0) (EN ISO 12958) 0,32 l/m-s bei 20 kPa (Gradient i=0,02) 0,42 l/m -s bei 20 kPa (Gradient i=0,03) 0,84 l/m -s bei 20 kPa (Gradient i=0,1)
Resistance to Weathering	To be covered within two weeks after installation (EN 12224)
Dimensions	12,5 m x 2,40 m, 12,5 m x 0,75 m
Long-Term Resistance	100 years, according to EN 13438

**Installation**

Please refer to the Delta Installation Guides. Installation Guides can be found at [www.deltamembranes.com/technical/delta-installation-guides/](http://www.deltamembranes.com/technical/delta-installation-guides/). We have a number of "How to" subject related video guides available on your Youtube Channel and Website. Please visit [www.deltamembranes.com/technical-categories/the-video-suite/](http://www.deltamembranes.com/technical-categories/the-video-suite/)

**Storage**

- Store safely and keep out of reach of children
- Always store and transport in a secure upright position

**Guarantees**

Delta Membrane Systems Limited offer a 30-year Product Guarantee on membranes, seals and fixings when a Delta Cavity Drain System has been installed by a Delta Registered Installer. A list of experienced Delta Registered Installers is available from Delta's offices.

**Safety**

Always follow the instructions provided in the material safety data sheet and take the precaution described there. Wear appropriate Protective Personal Equipment (PPE) when applying and using the material. Observe all governmental, state, and local safety regulations when processing the material.

**Other Information**

All data and information contained in these Product/Technical Data Sheets is up-to-date and correct as at the date of issue. The information given is suggested as guidance and should only be used for evaluating your specific application. Delta Membrane Systems Limited cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. The information contained in these Product/Technical Data Sheets should not be considered a warranty, expressed, or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose. In no event shall Delta Membrane Systems Limited be liable for any incidental or consequential damages resulting from the use, misuse, or inability to use the product. This exclusion applies regardless of whether such damages are sought based on breach of warranty, breach of contract, negligence, strict liability in tort, or any other legal theory. When in doubt, contact Delta's Technical Team on 01992 523 523.

