



### Description

Delta Floraxx Top is a protective and drainage membrane with water storage function, equipped with an integrated filter-stable geotextile which provides a surface drainage and water storage solution in one.

Delta Floraxx Top is manufactured from High Density Polyethylene (HDPE) with laminated geotextile, making it resistant to chemical erosion. The sheet's protective layer conforms to FLL green roof guidance ideal for both extensively and intensively planted roofs.

The laminated geotextile is pressure and filter stable, reliably preventing the dimpled sheet from becoming silted up.

Delta Floraxx Top offers a quick and safe installation – Plant substrates can be applied directly on the dimpled membrane as the filter non-woven is already integrated.

### Features

- Acting as a protection, filtration, and seepage layer, retains 7 L of water per m<sup>2</sup>
- Compressive Strength: >200 kN/m<sup>2</sup>
- May be used on green inverted roofs (S value: c.0.4M)
- Integrated geotextile layer
- Combines water storage, effective drainage, and filtration in one simple sheet
- Resistant to chemicals, root penetration, rotproof

### Packaging

Supplied in 2m x 10m rolls

### Durability

Durable for 100 years in natural soil with  $4 \leq \text{pH} \leq 9$  and soil temperature  $\leq 25$  °C.

### Product Details

DMS 205

### Fields of Application

- Green roofs
- Blue roofs
- Buried roofs
- Podium decks
- Civil engineering projects

### Specification

- NBS Specification J40 295 flexible sheet tanking/damp proofing
- Pr\_25\_57\_51\_36

### Associated Products

- Delta Aquaduct
- Koster Deuxan 2C
- Koster NB 4000
- Delta MS Profile Brown
- Delta Sealing Tape



NBS Source



### Technical Data

| Delta Floraxx Top                       |   |
|---|---|
| Material of the Dimpled Sheet           | Dimple Membrane Perforated With Laminated PP Geotextile                   |
| Dimple Height                           | Approx. 20mm  |
| Compressive Strength                    | Approx. 200 kN/m <sup>2</sup> (EN ISO 25619-2)                            |
| Air Gap                                 | Approx. 14 l/m <sup>2</sup>   |
| Service Temperature Range               | From -30°C to +80°C   |
| Water Flow Capacity in the Plane        | Approx. 10 x 10 <sup>-3</sup> m <sup>2</sup> /s (10 l/s m) (EN ISO 12958) |
| Water Permeability With Vertical Inflow | ca. 8.5 l/m <sup>2</sup> s  |
| Perforation Diameter                    | ca. 6.5 mm  |
| Water Storage Capacity                  | ca. 7 l/m <sup>2</sup>  |
| Characteristic Opening Size Geotextile  | ca. 0.15 mm (EN ISO 12956)  |
| Water Permeability Geotextile           | ca. 0.08 m/s (EN ISO 11058)   |
| Water Drainage Capacity                 | 1.17 l/m - s at 20 kPa (Gradient i=0.02)                                  |
|   | 1.43 l/m - s at 20 kPa (Gradient i=0.03)                                  |
|   | 2.64 l/m - s at 20 kPa (Gradient i=0.1)                                   |
| CE Conformity                           | DIN EN 13252, Test Report TBU11/13525/0580.0.1-2009                       |
| Roll Size                               | 10m x 2m, Fleece Width 2.10m  |

### 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

- Delta Floraxx Top is UV Stable
- 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.