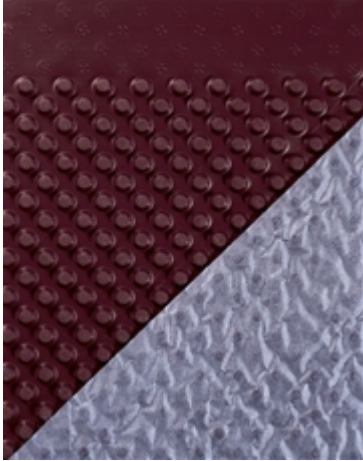




Delta Membrane Systems Ltd

NS Plus



Delta®-NP-Drain

By Delta Membrane Systems Ltd

Detailed description

A high density polyethylene drainage sheet designed for use in underground structures including retaining walls, cut and cover tunnels, underground car parks etc.

Features:

- Comprises a grey polypropylene geotextile sheet bonded to a high-density, brown polyethylene (HDPE) drainage sheet with 8 mm height dimples.
- The vertical drainage system combines high compressive strength with excellent drainage properties.
- The integrated geotextile mat filters out suspended soil particles and ensures constant water drain-off through the air gap created by the dimple texturing.

Product guidance - As Standard

Technical data:

- Complies with the requirements of EN ISO 9001.
- Conforms to CE requirements and those of BS EN 13252, Certificate No. 0799-CPD-13.
- Drainage rate: Approximately 2.25 L/s per metre.
- Compressive strength (transient loading): Approximately 150 kN/m².
- Compressive strength (permanent loading): Approximately 70 kN/m².
- Installation depth (maximum): 7 m.
- Service temperature range: -30°C to +80°C.
- Delta® dimpled sheets are rot-proof, resisting saline solutions, inorganic acids, alkalines, and polar liquids.
- They are proof against attack or modification by any of the minerals, humic acids, and bacterial catabolic products that naturally occur in the soil, as well as by bacteria, fungi, and micro-organisms.
- The response of all sheet types to soil or underground water is completely neutral, nor will they leach any harmful and/ or ecologically doubtful substances.
- Care should be taken to ensure that they are not permanently exposed to UV radiation.

Product specification

Manufacturer

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Product reference Delta®-NP-Drain

Accessories

[Delta®-Geo-Drain Clip] - Attachment clip for fastening Delta®-MS-Profile.
[Delta®-Plug] - Nylon percussion plug for concrete or masonry.
[Delta®-MS Knopf] - Washer fastening.
[Delta®-MS-Profile] - Brown moulding cap to protect the upper edge of the sheet.