



Delta Membrane Systems Ltd

n55Plus



Delta®-MS20

By Delta Membrane Systems Ltd

Detailed description

Delta®-MS20 is a high-density polyethylene (HDPE) dimpled sheeting with a high drainage capacity and compressive strength, suitable for high performance seepage layers in building and civil engineering construction.

Features:

- A high-density, brown polyethylene (HDPE) drainage sheet with 20 mm height dimples.
- The vertical drainage system combines high compressive strength with excellent drainage properties.
- May be installed as permanent shuttering either horizontally or vertically between a shotcrete wall and/ or curtain wall and the concrete wall of the building. In this case, the shotcrete acts as a filter, keeping the seepage layer free from soil particles.
- It can also be used to upgrade damp and defective floors and is suitable to take a range of floor finishes.

Product guidance - As Standard

Technical data:

- Conforms to CE requirements and those of BS EN 13252, Certificate No. 0799-CPD-13.
- Drainage rate: Approximately 10 L/s per metre.
- Compressive strength (transient loading): Approximately 150 kN/m².
- 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®-MS20

Accessories

[Delta®-Geo-Drain Clip] - Attachment clip for fastening Delta®-MS-Profile.
[Delta®-Stop Pin] - Adhesive pin to facilitate the installation of the dimpled sheet.
[Delta®-Plug] - Nylon percussion plug for concrete or masonry.
[Delta®-MS Knopf] - Washer fastening.
[Delta®-Profile] - Brown moulding cap to protect the upper edge of the sheet.
[Delta®-Terraxx-Profile] - Moulding cap for application to insulation boards (60–100 mm).
[Delta®-Terraxx-Schraube fixing] - For fastening to perimeter insulation boards.
[Delta-Qwik-Seal Plug] - Plastic percussion plug with waterproof grommet for concrete or masonry.