



Delta Membrane Systems Ltd

n5Plus



Delta®-Geo-Drain Quattro By Delta Membrane Systems Ltd

Detailed description

A four-ply material for use as a compact protection and drainage system for waterproofing in building construction.

Features:

- The four-ply construction enables water to be drained off before reaching the waterproof coating.
- Suitable for vertical gas (methane and Radon) drainage when combined with a classical filtration gravel layer underneath the floor slab. The top apertures of the drainage sheet should be covered with a layer of gravel to enable the gas to escape into the ambient air without difficulty.

Product guidance - As Standard

Components:

- Layer one: Micro-perforated slip film distributes permanent soil pressure, and allows any water penetrating between the waterproofing and the slip film to escape into the laminated drainage layer.
- Layer two: Laminated cloth absorbs impacts and serves as a backup drainage layer.
- Layer three: High-density polyethylene dimpled sheet with self-sealing edge creates a maximum capacity drainage layer that covers the entire surface.
- Layer four: Polypropylene permanent filtration geotextile fused to the dimpled sheet to prevent dimple structure from clogging.

Technical data:

- Conforms to CE requirements and those of BS EN 13252, Certificate No. 0799-CPD-13.
- Stud height: 9 mm.
- Compressive strength (transient loading): Approximately 400 kN/m².
- Compressive strength (permanent loading): Approximately 90 kN/m².
- Installation depth (maximum): 10 m.
- Service temperature range: -30°C to +80°C.
- Joints have a self-adhesive edge strip.
- 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

- Name:	Delta Membrane Systems Ltd
- Web:	www.deltamembranes.com
- Email:	info@deltamembranes.com
- Tel:	+44 (0)1992 523523
- Fax:	+44 (0)1992 523250
- Address:	Delta House,Merlin Way,North Weald,Epping,Essex CM16 6HR

Product reference	Delta®-Geo-Drain Quattro
-------------------	--------------------------

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®-MS 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.
-------------	---