

DUODRAIN SHEET

A STUDDED DRAINAGE/ PROTECTION SHEET COMPLETE WITH GEO-TEXTILE FABRIC

Duro Drainage sheet is a studded plastic sheet that provides efficient drainage and membrane protection. It has an integrated non-woven geo-textile fabric that covers the studs and prevents soil particles from blocking the drainage sheet; this creates an air gap for consistent ventilation and allows inflow and transport of water from surrounding soil. Due to the special stud structure it is capable of capturing and transporting high water volumes and is able to resist high loads from earth and formwork.

PRINCIPLE CHARACTERISTICS

- ◆ Can be used as a protective layer over waterproofing membranes
- ◆ Single component, user friendly
- ◆ Environmentally safe, safe for potable water
- ◆ Creates a vapour and thermal insulation barrier adjacent to waterproofing membranes, and between diaphragm and internal walls
- ◆ High compressive strength
- ◆ Unaffected by ground chemicals, rot, moulds, algae bacteria and root penetrations
- ◆ Easy to use as rolls may be joined by overlapping and a selvedge of 75mm to allow for double sided tape to ensure a strong seal.

USE AREAS

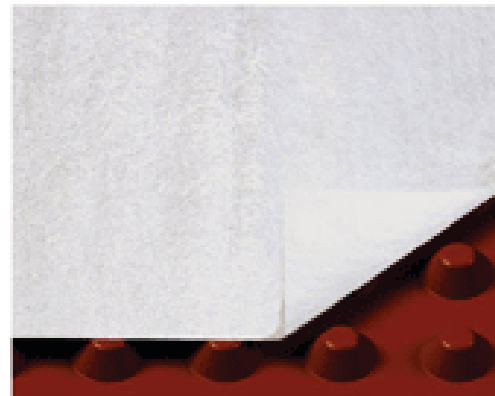
- ◆ Retaining and basement walls
- ◆ Roof gardens and landscaped decks
- ◆ Paved areas
- ◆ Tunnels and landfills

SIZES

8mm thick: 2.4m x 20m = 48m² (brown colour)

GENERAL

Material	High density polyethylene
Weight	580 g/m
Sheet thickness	Approx.0.8mm
Stud height	10mm
Void volume between stud	Approximately 5.3L/m ²
Drainage capacity	Approx. 4.6 L/s.m; 276
Compressive strength	L/min.m; 16,560L/h.m Approx.250kN/m ² (25t/m ²)
Service temperature	-30°C to 80°C
Flammability	B2(DIN 4102)



Durodrain 8
(8mm stud height)