

VersiDrain® 8 Geo

Dimpled Plastic
Drain Sheet



VersiDrain® 8 Geo is a dimpled plastic sheet that provides effective drainage and waterproof membrane protection on foundation walls and other underground structures. The integrated non-woven geotextile covering the dimples prevents soil particles blocking the drainage sheet, creates an air gap for reliable ventilation and allows inflow and transport of water from surrounding soil.

VersiDrain® 8 Geo with its dimple structure effectively captures and transports high water volumes and resists high loads from earth and formwork.

VersiDrain® 8 Geo is installed with the geotextile facing the backfill.

Applications

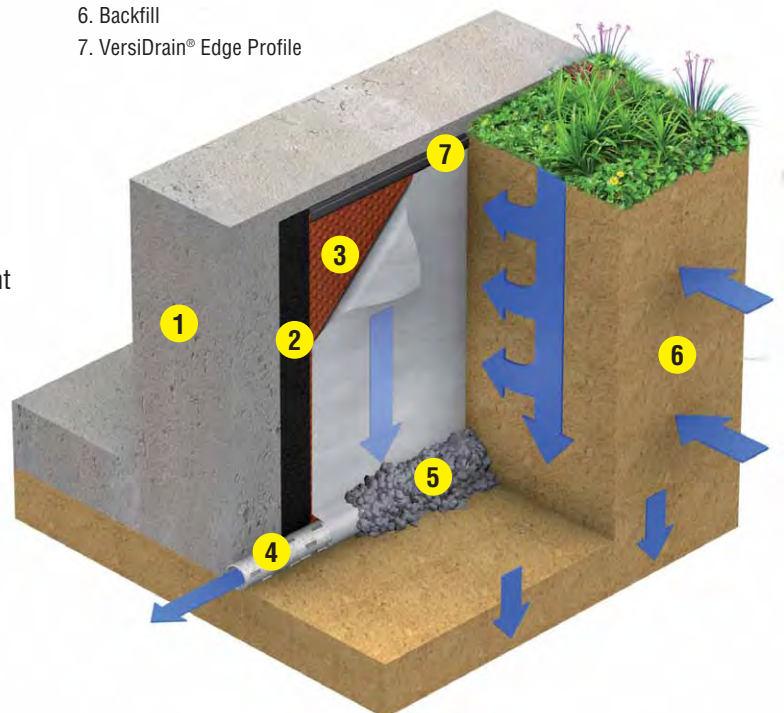
Typical areas of application include:

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

Advantages

- Provides an efficient drainage system for underground structures
- Acts as a protection layer over waterproofing membranes
- Creates a vapour and thermal insulation barrier adjacent to waterproofing membranes
- Compressive strength permits usage in moderate load-bearing situations of up to 250 kN/m² (25 t/m²)*
- Wide and easy to handle rolls result in rapid and low cost installation

1. Basement wall
2. Waterproofing membrane
3. **VersiDrain® 8 Geo**
4. Sub-soil drain
5. Gravel
6. Backfill
7. VersiDrain® Edge Profile



* **VersiDrain® 10 Geo** is recommended in situations subject to weight bearing loads of >250 kN/m²

**Sub-Surface Drainage and
Waterproofing Membrane Protection**

Specifications

Material: High density polyethylene

Weight: approx. 775 g/m²

Sheet thickness: approx. 0.6 mm

Dimple height: 8 mm

Void volume between dimples: approx. 5.3 l/m²

Drainage capacity: approx. 4.6 l/s.m
approx. 276 l/min.m
approx. 16,560 l/h.m

Geotextile weight: 136 g/m²

Geotextile water transmission: approx. 100 l/s.m²

Compressive strength: approx. 250 kN/m² (25 t/m²)

Service temperature: -30°C to 80°C

Biological/chemical resistance: Resistant to ground chemicals, rot, moulds, algae, bacteria and root penetration. Does not affect potable water.

Fire resistance: B2 (DIN 4102)

VersiDrain® 8 Geo may be fastened to substrates using proprietary VersiDrain® fixing accessories.

VersiDrain® 8 Geo is manufactured and tested according to DIN 18 195, DIN 4095, DIN 4102, DIN 53 576 and BS 8102 or UNI 5819 and UNI 10319



VersiDrain 8 Geo provides efficient drainage of basement and retaining walls and waterproof membrane protection



Note: The information provided in this brochure is based on current knowledge and experience and does not infer any legally binding assurance or warranty, expressed or implied, intending purchasers should verify whether any changes to specifications or applications or otherwise have been made since this literature was issued.

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