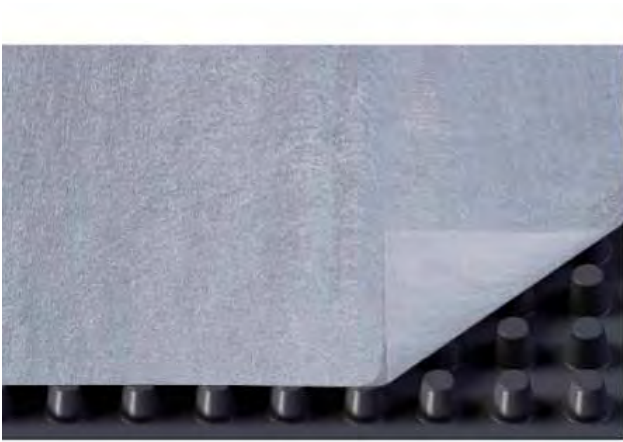


# VersiDrain® 10 Geo

Studded Plastic  
Drain Sheet



**VersiDrain® 10 Geo** is a high compressive strength and high flow rate studded plastic sheet that provides effective drainage and waterproof membrane protection for foundation walls and other underground structures. The integrated non-woven geotextile covering the studs 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® 10 Geo** with its special stud structure effectively captures and transports high water volumes and resists high loads from earth and formwork.

**VersiDrain® 10 Geo** is installed with the geotextile facing the backfill and can be used vertically at depths of up to 10 metres.

## Applications

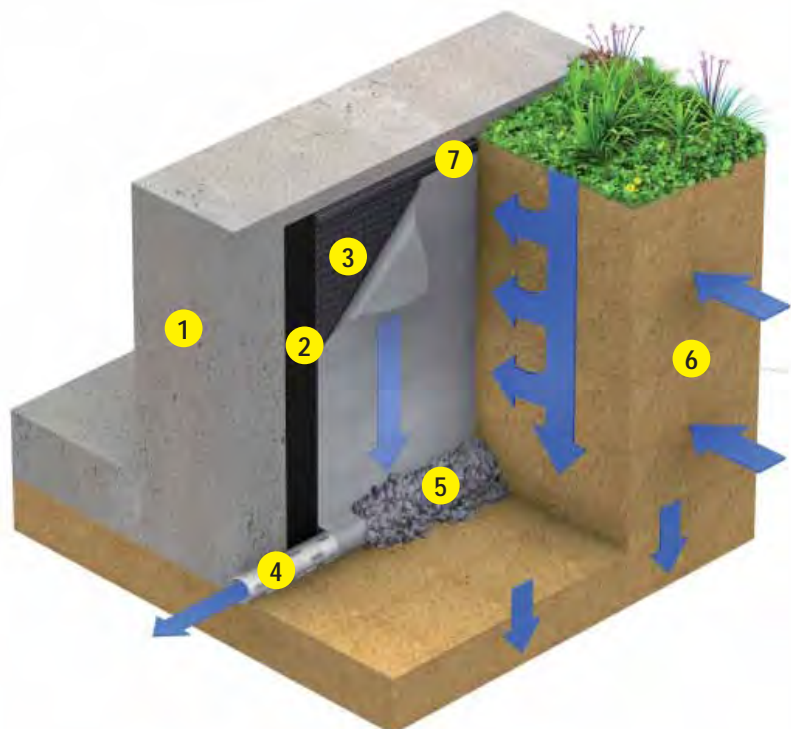
Typical areas of application include:

- 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
- High compressive strength of 400 kN/m<sup>2</sup> (40 t/m<sup>2</sup>) permits usage in high weight bearing load situations
- Wide and easy to handle rolls result in rapid and low cost installation

1. Basement wall
2. Waterproofing membrane
3. **VersiDrain® 10 Geo**
4. Sub-soil drain
5. Gravel
6. Backfill
7. VersiDrain® Edge Profile



Sub-Surface Drainage and  
Waterproofing Membrane Protection

## Specifications

**Material:** High density polyethylene

**Weight:** approx. 750 g/m<sup>2</sup>

**Sheet thickness:** approx. 0.6 mm

**Dimple height:** 10 mm

**Void volume between dimples:** approx. 7.9 l/m<sup>2</sup>

**Drainage capacity:** approx. 4.8 l/s.m  
approx. 288 l/min.m  
approx. 17,280 l/h.m

**Geotextile weight:** 136 g/m<sup>2</sup>

**Geotextile water transmission:** approx. 100 l/s.m<sup>2</sup>

**Compressive strength:** approx. 400 kN/m<sup>2</sup> (40 t/m<sup>2</sup>)

**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® 10 Geo is manufactured and tested according to DIN 18 195, DIN 4095, DIN 4102, DIN 53 576 and BS 8102.



VersiDrain® 10 Geo provides high resistance to backfill, 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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