

CORDRAIN CD1150

VERTICAL SHEET DRAINAGE

PRODUCT DESCRIPTION

Cordrain is a geocomposite vertical drainage blanket which consists of a plastic cusped sheet (cusped on both sides) with a heat bonded non woven geotextile filter fabric bonded on one side only. The filter fabric has been designed to meet NSW RTA R63, QLD MRD MRS 11.27 and Transit NZ F/7 strength class A and filtration class 1. The filter fabric extends approximately 100mm beyond the edge of the drainage core to achieve a continuous filter overlapped joint.

PRODUCT FUNCTION

Cordrain is designed to reduce hydrostatic pressure behind structure walls by providing a drainage path for rapid transportation of water to the base drain or weepholes. **Cordrain** assists waterproofing and provides an airlock between the drainage layer and wall. **Cordrain** eliminates the need for aggregate backfills in most soils.

PRODUCT APPLICATION

Cordrain is suitable as a vertical drainage blanket for the following applications:

- Building Basements
- Bridge Abutments
- Concrete Retaining Walls
- Timber Retaining Walls
- Tunnel Linings
- Shotcreting
- Culverts
- Bored Pile Walls

Geotextile Filter	
Trapezoidal Tear AS3706.3	≥ 180N (Q value)
Grab Tensile AS2001.2.3 (b)	≥ 500N (Q value)
G Rating Austroads	≥ 900 (Q value)
Permittivity AS3706.9	≥ 50 l/m ² /s
Pore Size AS3706.7	≤ 120µm

CORE Properties (Raised cusps on both sides)	
Mass	720g/m ²
Colour	Black
Material	HDPE
Crush Strength	100kPa
Core Thickness	12 mm

Please see the **Cordrain** brochure for core flow capacity.

Geocomposite (Double cusped core with geotextile filters one side only)	
Widths	1150mm
Roll Lengths	30m
Gross Roll Weight	25Kg
Packaging	White P.E. bag

NOTE: that Q value (or characteristic value) is calculated in accordance with NSW RTA R63, QLD MRD MRS 11.27 and Transit NZ F7, that being $Q = \text{Mean} - 0.83 \times \text{standard deviation}$.

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