



DRAINAGE & WATERPROOF PROTECTION FOR RETAINING WALLS & BASEMENTS

GEOSHEET® DRAINAGE GEOCOMPOSITE

TECHNICAL DATA SHEET

Geosheet is a single or double cusped HDPE sheet designed to provide vertical drainage behind bridge abutments, retaining walls and in basements. It replaces the conventional use of aggregate, which can be expensive and difficult to compact, to form a vertical drainage layer. Geosheet is supplied with a non-woven geotextile, glued to one side, to act as a filter.

- Made in Australia from up to 95% locally sourced HDPE recycled plastic material
- High compressible strength and flexibility ensures long-term performance
- Effectively reduces hydrostatic pressure behind walls
- Provides a vapour barrier between drainage layer and wall
- Eliminates the need for aggregate or sand backfill
- Lightweight and flexible for easy handling and fast installation
- Chemically resistant to most natural soils
- Strong and durable polymer core protects the waterproofing layer from installation damage
- Applicable for Road and Building sectors



GEOSHEET - TECHNICAL DATA

SPECIFICATIONS	TEST METHOD	UNITS	PRODUCT CODE	
			CS15F	CS20F
CORE PROPERTIES				
Core Structure	-		Single cusped profile	Double cusped profile
Core Material	-		HDPE	HDPE
Compressive Strength	-	kPa	200	250
Width	-	mm	1,200	1,200
Standard Thickness	-	mm	15	18
Discharge Capacity	ASTM D 4716	l/m ² /hr	20,000	6,600 (one side only)
@ 200kPa and hydraulic gradient of 1				
GEOTEXTILE FILTER PROPERTIES				
Structure	-		Nonwoven	
Material	-		Polyester	
Flow Rate	AS 3706.9	l/m ² /s	200	
Trapezoidal Tear	AS 3706.3	N	180	
Grab Tensile	AS 3706.2	N	500	
PACKING DETAILS				
Roll Length	Nominal	m	30	
Roll Diameter	Nominal	m	0.85	

The data and specifications contained in this table are obtained from the manufacturer's laboratory testing. To ensure this information is current please contact your local branch of Geofabrics Australasia.

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