AUSTRALIAN-MADE WITH RECYCLED MATERIAL

MEGAFLO® GREEN 200 PANEL DRAINAGE SYSTEM

TECHNICAL DATA SHEET

Megaflo® Green 200 is a wide and flat-shaped drainage panel system that provides the dimensional stability and field-proven structural strength for quick and effective sub-surface drainage.

- Made using 100% Australian recycled HDPE plastic material and wrapped with Bidim® Green non-woven geotextile
- Applicable for Road, Rail, Slopes & Walls, Waste, Sport, Mining sectors

MEGAFLO GREEN 200 - TECHNICAL DATA

MEGAFLO 200 PANEL PROPERTIES		TEST METHOD	UNITS	MEG200G
Panel Height		ASTM D2122	mm	>200
Panel Thickness		ASTM D2122	mm	> 40
Slot Size		ASTM D2122	mm	2.8 x 30
Compressive Strength[1]	Vertical	ASTM D2412 (mod)	kPa	300
Horizontal Planar Flow @ 0.01 Hydraulic Gradient under 150kPa overburden stress	Rigid or Course Sand Interface	ASTM D4716	litres/ min	32
Horizontal Planar Flow @ 0.05 Hydraulic Gradient under 150kPa overburden stress	Rigid or Course Sand Interface			66

1. The compressive strength of Megaflo® Green should be considered in conjunction with the granular drainage medium. Geofabrics engaged an external consultant to perform a Finite Element Analysis which established that under extreme loads, the effective stress imposed on a Megaflo® Green panel due to it's stiffness and profile is significantly reduced through soil arching of the granular cover.

All values are typical.

GEOTEXTILE PROPERTIES - TYPICAL	WIDE STRIP TENSILE STRENGTH	TRAPEZOIDAL TEAR STRENGTH	PORE SIZE	FLOW RATE @100MM HEAD
Test	AS 3706.2	AS 3706.3	ASTM D6767	AS 3706.9
Bidim A14G	11 kN/m	300 N	180 µm	320 l/m2/sec

Bidim Green nonwoven geotextile complies with the following road authority specifications:
TfNSW R63, Queensland MRTS 27, MRTS 03, MRTS 38, NZ Transit TNZ F/7.

bsi. ISO 9001 Quality Management FS 673633

Infrastructure Sustainability Council MEMBER

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