

TerraDrain FREDrain

Technical Data Sheet



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FRE Drain /TERRA Drain

StripFilter FD25	StripFilter FD40	TerraDrain TD10	TerraDrain TD25
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Geotextile Specification

Core Wrap	Fully	One Side only. (Geotextile overlap on one side).	
Material	Polypropylene or Polyester		
Construction	Non Woven Needle Punched & Heat Bonded Geotextile		
Mass	$>140\text{gr/m}^2$		
EOS	< 120 microns		
Flow Rate	200litres// m^2 /sec @ 100mm head		

Core Specification

Material	High Impact Polystyrene			
Core Profile	Raised Cusps both sides		Raised Cusps one side only	
Mass	1200gr/m^2	1400gr/m^2	760gr/m^2	1200gr/m^2
Thickness	25mm	40mm	10mm	25mm
Compressive Strength	200kPa	200kPa	400kPa	100kPa
Perforation Area	$1.888 \text{ m}^2/\text{m}^2$ (Both Sides)	$1.923 \text{ m}^2/\text{m}^2$ (Both Sides)	$0.874 \text{ m}^2/\text{m}^2$	$0.913 \text{ m}^2/\text{m}^2$
Horizontal Flow gradient=1.0	$1240\text{lit}/\text{min}/\text{m}^2$ (Both Sides)	$2100\text{lit}/\text{min}/\text{m}^2$ (Both Sides)	$200\text{lit}/\text{min}/\text{m}^2$	$1240\text{lit}/\text{min}/\text{m}^2$
Horizontal Flow gradient=0.1	$260\text{lit}/\text{min}/\text{m}^2$ (Both Sides)	$500\text{lit}/\text{min}/\text{m}^2$ (Both Sides)	$75\text{lit}/\text{min}/\text{m}^2$	$260\text{lit}/\text{min}/\text{m}^2$

Composite Properties

Widths	100-300mm	150-500mm	1.2m & 2.35m	2.35m
Roll Lengths	50m	50m	20/30m	20/30m
Packaging	P.E. bag	P.E. bag	P.E. bag	P.E. bag

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