Polyfabrics Reliability you can build on



TerraDrain[®]



TerraDrain® is a dimpled plastic sheet that provides effective drainage and waterproof membrane protection on foundation walls and other underground structures. The integrated non-woven geotextile covering the dimples prevents soil particles blocking the drainage sheet, creates an air gap for reliable ventilation and allows inflow and with its dimple structure effectively captures and transports high water volumes and resists high loads from earth and formwork.

TerraDrain® products perform a multi-faceted role by providing protection for waterproofing systems and managing sub-surface water around building foundations. Soil backfill is retained by a filter fabric while allowing water to pass into the drainage core providing hydrostatic relief. Collected water is then conveyed to a proper collection system.

TerraDrain® products all consist of an impermeable polymeric sheet cuspated under heat and pressure to form a high flow dimpled drainage core. Cuspation/dimples can be on one side giving a flat surface on the opposite side (TD10 & TD20) or cuspated/dimpled on both sides (TD18). The core is then bonded to a layer of non woven filter fabric. The filter fabric retains soil or sand particles as well as freshly placed concrete or grout, allowing filtered water to pass into the drainage core.

The double cuspated (TD18) provides an additional void space between the wall/wall membrane and Drainage Composite for air and water to circulate. In addition it maintains a very high flow rate while providing a higher compressive strength for greater depths.

TerraDrain [®] Specifications							
HDPE Core Properties	Unit	TD10 Single	TD18 Double	TD20 Single			
Compressive Strength (ASTM-1621)	kN/m ²	370	250	250			
Nominal Thickness	mm	10	18	20			
Flow (ASTM-4716) i=1.0 @ 100 kPa	l/min/m width	180	150 (Single)	250			
Roll Length	m	12.5	30.0	30.0			
Roll Width	m	1.22	1.10	1.10			
Roll Weight	kg	18	26	35			
Geotextile Properties							
Flow (AS3706.9)	l/m²/s	>180	>150	>180			
CBR (AS3706.7)	N	>1400	>1700	>1400			
EOS (AS3706.4)	mm	<0.12	<0.12	<0.12			
Grab (AS3706.2)	N	>500	>700	>500			

APPLICATIONS

- Basement **Foundations**
- Retaining Walls
- Planters
- Bridge Abutments
- Rooftop Gardens

PRICE PER UNIT All prices +GST						
CODE	30 +	15 - 29	5 - 14	1-4		
SDS-TD18	\$391.60	\$400.40	\$418.00	\$459.80		
SDS-TD20	\$557.70	\$577.50	\$594.00	\$623.70		
CODE	72 +	34 - 71	10 - 33	1-9		
SDS-TD10-12.5	\$164.00	\$175.00	\$189.00	\$205.00		

CLAIMER Consult Jaybro Group or a certified Engineer for site specific installation instructions. Jaybro Group erves the right to change its product specification at any time. It is the responsibility of the specifier and purch ensure that product specifications used for design and procurement purposes are current and consistent with ducts used in each instance. E&OE

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