

# ProDrain<sup>®</sup> 6000 SHEET DRAIN

## DESCRIPTION

ProDrain 6000 is comprised of a dimpled high crush resistant plastic core with a geotextile filter bonded to the core to provide a drainage sheet that can collect and filter water ingressing from backfill soils. ProDrain 6000 is a 10mm thick flat backed drainage sheet ideally suited to building and waterproofing applications whereby no point loads are imposed on the waterproofing membrane that maybe applied to the wall. The ProDrain 6000 sheet drain collects water from the surrounding soil and channels it away ensuring that no hydrostatic loads are built up behind the retaining structure.

ProDrain 6000 can be used to replace conventional mineral drainage aggregate and saves time and money due to its light weight structure and quick and easy installation without the need for heavy machinery. In most cases the on site soils can be used to backfill against the sheet drain provided they are non cohesive.

## APPLICATION

- Retaining walls
- Basement walls
- Reduction in hydrostatic pressure behind retaining structure
- Additional protection to waterproofing membranes
- Horizontal drainage for rooftops and planterbox

## TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
Thickness	ASTM D1777	mm	10
Roll Size	n/a	m	1.22 x 15.24
Compressive Strength	ASTM D1621	kPa	>700
Flow Rate Vertically (Gradient $i = 1.0$ )	ASTM D4716	l/min/m	155
Geotextile Flow Rate	ASTM D4751	l/min/m	>5500
Geotextile Opening Size	ASTM D4751	mm	0.21

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