

ProDrain HC STRIP FILTER

DESCRIPTION

ProDrain HC is comprised of a dimpled high crush resistant plastic core with a geotextile filter fully wrapped around the core to provide a drainage strip that can be utilised to collect, filter and drain water from the surrounding soil. ProDrain HC is a 25mm wide high flow drainage composite available in varying depths of 150mm, 300mm and 450mm.

ProDrain HC can be used to replace conventional mineral aggregate drains in a simple light weight strip. When using ProDrain HC for side drain applications to roadways or in strips for draining of sportsfields, a narrow 100mm wide drainage trench is all that is necessary for installation reducing the amount of excavation and material importation required. The trench is then typically backfilled with a coarse sand.

Fittings are available to provide a transition from ProDrain HC to 100mm ProAg Pipe on request.

APPLICATION

- Road side drains
- Sports field drains
- Collector drains for the base of retaining walls
- Strips for draining behind shotcrete applications

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE
Thickness	ASTM D1777	mm	25
Drain Depth	n/a	mm	150, 300 or 450
Roll Length	n/a	m	30.5
Compressive Strength	ASTM D1621	kPa	450
Flow Rate Vertically	ASTM D4716	l/min/m ²	1300
Geotextile Wrap Flow Rate	ASTM D4491	l/min/m ²	>5500
Geotextile Opening Size	ASTM D4751	mm	0.21

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