

## CAIRNS OFFICE

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## TOWNSVILLE

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# DRAINAGE SYSTEMS

*Drainage is an integral part of any development. Specific drainage systems are available to channel water away from structures reducing the risk of failure. From standard subsoil, through to earth and block walls, through to podium drainage.*

**SUBSOIL ROUND PIPE - AGPIPE** – SUBSOIL – standard Agricultural Pipe – slotted or unslotted and socked or unsocked – to suit Class 400

Common applications:-

- Subsoil drainage – roads, sportsfields, subdivisions

Soil Types:-

- General



Various Classes & Sizes available – please contact us for details

**SUBSOIL FLAT PIPE - FREDRAIN** – flat cusped pipe manufactured from “deep fin” HDPE core with Geotextile wrap - provide maximum hydraulic performance with minimum excavation thus providing more cost effective drainage when compared with traditional methods - ideal for use as a sheet filter drain in conjunction with Shotcrete applications

Common applications:-

- Subsoil drainage – roads, sportsfields, subdivisions
- Shotcrete / Vertical drainage – retaining walls, concrete structures

Soil Types:-

- General

GRADE	DIMENSIONS
FD25	100mm high x 25mm x 50m - 200kPa
	200mm high x 25mm x 50m - 200kPa
	300mm high x 25mm x 50m - 200kPa
D40	300mm high x 40mm x 50m – 200kPa
FITTINGS	Various fittings available upon request



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**SHEET FILTER / WALL - TERRADRAIN** – flat cusped pipe manufactured from “deep fin” HDPE core with Geotextile wrap

Common applications:-

- Sheet Filter / Vertical Drainage – provide drainage medium behind retaining walls and buildings

Soil Types:-

- General

GRADE	DIMENSIONS
TD10	2.35m x 30m 10mm thick - 400kPa
TD20	1.2m x 25m 25mm thick - 100kPa

**PODIUM - PODRAIN**– high strength HDPE deep formed sheet for landscape applications

Common applications:-

- Podium/Rooftop Gardens
- Planter Boxes
- High Traffic Areas

Soil types:-

- General

GRADE	DIMENSIONS
Drainage Cell	500mm x 500mm x 30mm (4 panels/sqm)
A Class Geotextile	2m x 50m

