
Subsurface AG Drain A140.15

DESIGN STATEMENT

Subsurface drains are an important part of the moisture control for a pavement and the surrounding material. Subsurface drains maintain pavement strength and durability by minimising groundwater entering the pavement and collecting and conveying infiltrated surface water to an outlet.

APPLICABLE LOCATION

Subsurface drains should be used:

- to drain pavements and subgrade during and after construction;
- to intercept groundwater, and
- to lower the water table beneath the road formation.

COUNCIL STANDARD DRAWING

SD 130 Subsurface (a.g.) drain

CROSS REFERENCE DOCUMENT

- Moreland City Council Standard Specification Section 60.

STANDARD SPECIFICATION

Refer to Notes 1-4 for the standard specifications.

SUPPLIER

N/A

MAINTENANCE

N/A

GENERAL NOTES

1. *AG drain to be 100mm diameter slotted UPVC pipe and/or corrugated perforated UPVC coil, class 400 with filter sock, unless specified otherwise.*
2. *Backfill material, 20mm aggregate.*
3. *Level trench bottom with impermeable material to remove irregularities.*
4. *If sub base is not placed immediately, a 50mm cap of permeable sub base material shall be laid on the filter material and compacted.*



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