


## Stormwater drainage products (Pipes) assessed as suitable for use on Classified Roads in NSW

Products listed below have been assessed as meeting the required Roads and Maritime Specifications and are considered suitable for use on the classified road network.

Enquiries related to drainage products can be sent via e-mail: [Product.Assessment@rms.nsw.gov.au](mailto:Product.Assessment@rms.nsw.gov.au)

Product name/ distributor	Identification photo	Description / material	AUS/NZ Standards / RMS specifications
<b>STORMPRO Stormwater Pipe</b>  Vinidex Pty Limited		Twin walled, corrugated stormwater pipe (sizes ranging from 150mm to 900mm nominal diameter).  Polypropylene block co-polymer.	AS/NZS 5065 Polyethylene and Polypropylene Pipes and Fittings for Drainage and Sewerage Applications  R23 Plastic Flexible Pipes

StormPRO pipes may be used directly under road pavement structure:

- a) where:
- i. the pavement is an unbound granular pavement with thin bituminous surfacing not more than 50 mm thickness;
  - ii. a minimum 750mm of cover or 1.5 times the pipe diameter, whichever is greater is provided over the pipe to the road surface at any point under the road pavement and shoulders; and
  - iii. the pipe is a single pipe installation unless backfill in the Embedment Zone is stabilised with a minimum 4% cementitious binder and pipes are separated by a minimum two and one half pipe diameters;

or

- b) when approved by the Principal.

## Minimum Cover

Nominal Diameter (mm)	Minimum Cover (mm)
150	750
225	750
300	750
375	750
450	750
525	787.5
600	900
750	1125
900	1350

## Bedding Material

The specified bedding material is RMS R11 Type BH (bed/haunch) select fill material. Type BH material must have the following properties:

- a) a particle size distribution, determined by Test Method RMS T201, within the limits set out in the table below; and
- b) a Plasticity Index, determined by Test Method RMS T109, of not more than 6.

Sieve size (mm)	Weight passing (%)
19.0	100
2.36	100 – 50
0.60	90 – 20
0.30	60 – 10
0.15	25 – 0
0.075	10 – 0

For further details, refer [RMS QA SPECIFICATION R23](#) and [RMS QA SPECIFICATION R11](#).