



SUPER SLEEPER
Composite Retaining Wall



SuperDrain

SuperDrain is a specialised drainage product for construction of retaining walls. It efficiently manages water, prevents soil blockage, and protects waterproof membranes, ensuring long-term stability.

PRODUCT FEATURES



Efficient Water
Management



Clog
Prevention



Designed for
Retaining Walls





SuperDrain

Installation Steps

1. Prepare the Retaining Wall

Ensure the retaining wall structure is fully installed and structurally sound (suitable for up to 1m high walls).

The rear face of the wall should be:

- Clean
- Free from sharp protrusions
- Clear of loose debris

If waterproofing is used, apply it before installing SuperDrain.

2. Measure and Cut SuperDrain

Measure the height and length of the wall. Cut the SuperDrain sheet to suit using a utility knife.

Roll size:

- Length: 15 m
- Width: 0.9 m

Allow for 100–200mm of overlap where multiple sheets are required.

3. Position the Drainage Sheet

Install SuperDrain with:

- Geotextile fabric facing the soil/backfill
- Textured core facing the retaining wall

This orientation ensures the water enters through the fabric

4. Fix SuperDrain to the Wall

Secure the sheet to the wall prior to backfilling

- Along the top edge
- At intervals sufficient to hold the sheet in position during backfilling

Avoid over-compressing the drainage core.

5. Install Base Drainage

At the base of the wall install:

- 100mm socked agg pipe
- Set on a bed of free-draining gravel
- Positioned directly in front of the SuperDrain

Ensure the agg pipe is connected to an appropriate stormwater outlet or drainage point.

SuperDrain channels water down the wall into this collection system.

7. Backfill the Wall

Recommended method:

1. Place soils directly against the SuperDrain
2. Compact in layers
3. Avoid damaging the geotextile fabric