



## DRAINAGE AND WATERPROOF PROTECTION FOR RETAINING WALLS AND BASEMENTS

### GEOSHEET® DRAINAGE GEOCOMPOSITE



Made with up to  
**95%**  
HDPE recycled  
plastic material



**Australian  
made**

Geosheet is a single or double cusped HDPE sheet or blanket designed to provide vertical drainage behind bridge abutments, retaining walls and in basements. It replaces the conventional use of aggregate, which can be expensive and difficult to compact, to form a vertical drainage layer.

Geosheet is made in Australia from up to 95% locally sourced HDPE recycled plastic material, and is supplied with a non-woven geotextile, glued to one side, to act as a filter.

#### **BENEFITS OF GEOSHEET**

- Reduces hydrostatic pressure behind walls
- Reduces the likelihood of structural damage caused by foundation movements in expansive soils
- Ensures long-term performance due to its high compressible strength and flexibility
- Lightweight and flexible makes it fast and easy to install
- Protects the waterproofing layer from installation damage with its strong and durable polymer core
- Made in Australia from up to 95% locally sourced HDPE recycled plastic material

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Sustainable solutions



## APPLICATIONS

- **Vertical wall drainage** - reduces hydraulic pressure against retaining walls and bridge abutments
- **Horizontal roof drainage** - provides a void to effectively direct water to collector pipes or pits
- **Planter box drainage** - prevents excess water build up to prevent the over-hydration of plants
- **Membrane protection** - protects waterproof membranes in sub-surface basement foundations



## FILTRATION

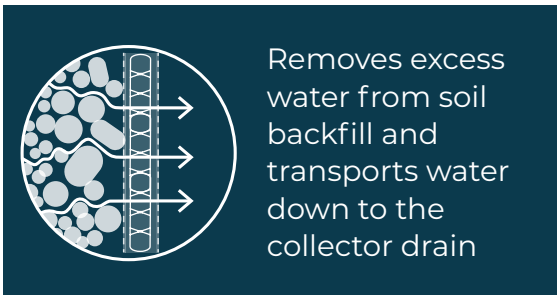
The non-woven geotextile applied to the dimples allows for water to pass through and prevent soil particles from blocking the drainage system.

## DRAINAGE

Once the water enters the void, the Geosheet provides a clear path allowing the water to drain freely down into the collector system at the base of the retaining structure

## GEOSHEET RANGE

Code	Thickness	Roll Size
<b>CS15120030</b>	15mm	1.2m x 30m
<b>CS20120030</b>	20mm	1.2m x 30m



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