

PARCHEM CONSTRUCTION SUPPLIES

GREEN ROOF WATERPROOFING

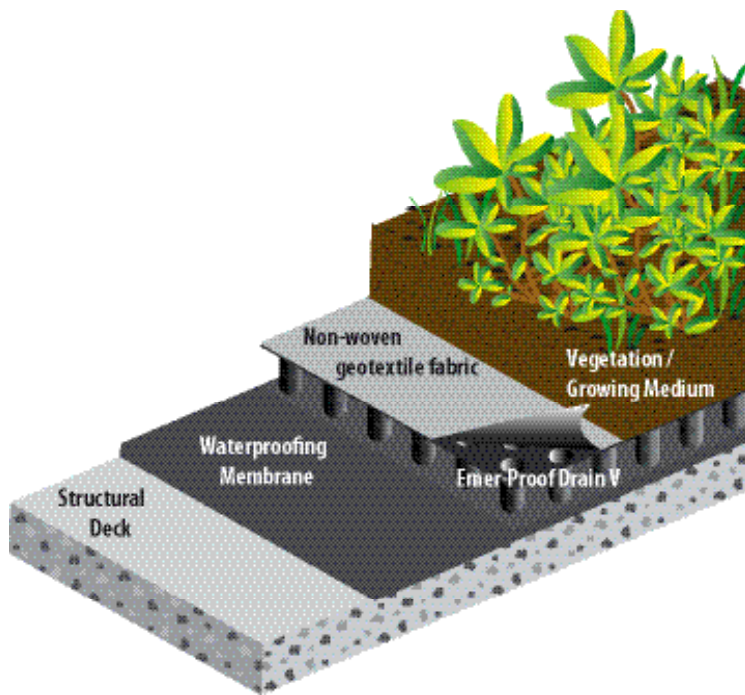


WATER & DRAINAGE SOLUTIONS FOR GREEN ROOFING



WHAT IS A GREEN ROOF?

A green roof is a roof area covered with or protected by vegetation; generally they consist of a waterproofing membrane with a drainage layer and geotextile, followed by a growing medium and vegetation.



GREEN ROOF SYSTEMS MAY BE CATEGORISED INTO TWO TYPES:

Intensive System:

These are roof gardens that have a deep soil profile for large plants or lawns. They generally require irrigation systems and have a higher degree of maintenance.

Extensive System:

These are self-sustaining with a lower soil depth, low growing plants are typically used with only a minimum maintenance requirement.

BENEFITS OF A GREEN ROOF



- Reduces noise from exterior sources
- Achieves energy savings
- Benefits the environment
- Reduces the building's carbon footprint
- Creates a habitat for wildlife
- Provides environmental & financial benefits
- Improves the overall aesthetics of your building envelope



PARCHEM DRAINAGE LAYERS FOR ROOF GARDENS:

Parchem offers a drainage layer for the use in conjunction with their membranes on garden and green roof construction areas, it is manufactured from high-density polyethylene (HDPE).

DRAINAGE OPTIONS

Emer-Proof Drain V:

Is made up of a layer of geo-textile fabric in polypropylene with continuous-filament yarn with a special dimpled membrane in high-density polyethylene (HDPE), developed as a drainage layer where drainage quality and mechanical resistance are important. Ideal for Extensive roof garden systems.

Colour:	Black
Roll size:	2 m wide x 20 m
Certificated compression resistance:	> 200kN/m² (20 t/m²) ca
Studs height:	8 mm
Studs per m²:	Approx 1860
Air volume between studs:	5.5 l/m² approx
Drainage capacity:	4.6 l/m²/s
Thermal stability:	from -40°C to +80°C
Dimensional tolerance:	+ 4%

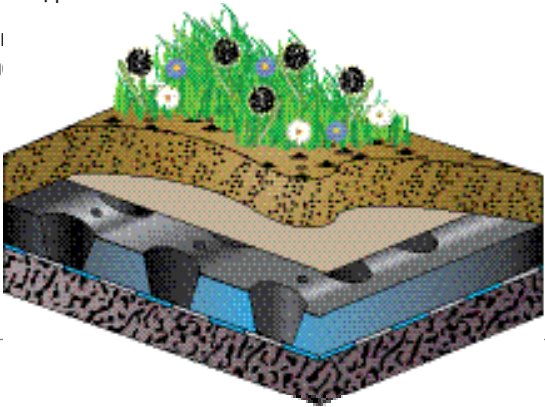


WATERPROOFING MEMBRANE SYSTEM FOR GREEN ROOFS

Index multi-layer torch on membrane system

- Base layer:** Index Fidia
Cap layer: Index Defend Antiroot/ H

Multi-layer torch applied polymer modified bitumen membranes incorporating a cap layer with anti-root additives continuous barrier against roots from plants, even overlaps, due to the fact that the entire compound forms the waterproofing mass is activated. The membrane system does not contain films or metallic foil and is therefore flexible and malleable during application. The anti-root additive does not migrate or leach out on contact with water.
(Resistance to roots confirms to the European test method EN-13948.)



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Customer Service 1300 737 787

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The range of products will vary by location so please contact your nearest store for the range of products in stock.

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