

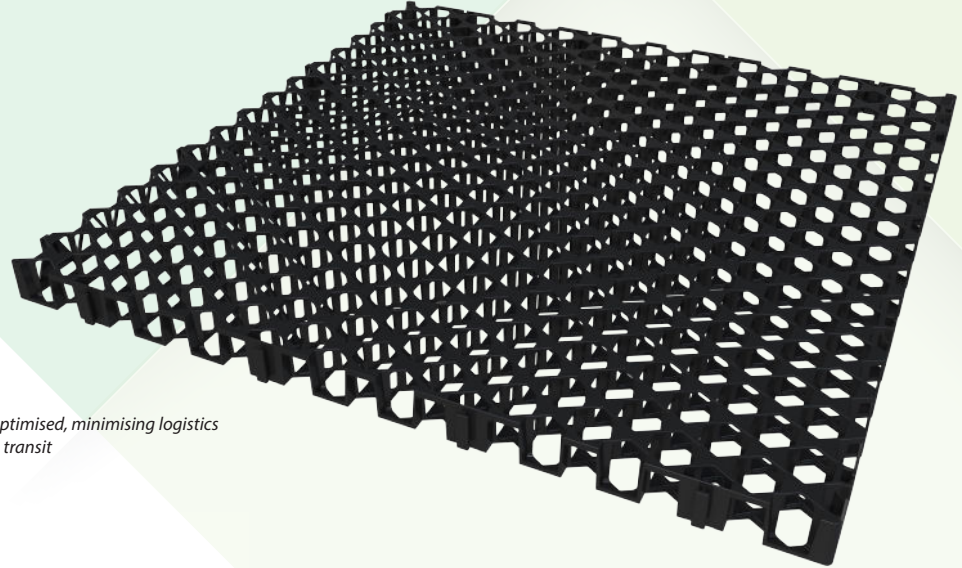


30mm HexCell Drainage Cell

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Standard Duty 550

Ausdrain's 30mm HexCell Drainage Cell creates a permanent, non-clogging void between the concrete slab and the soil profile that will not collapse or distort. The 30mm void enables a direct flow of water to designated outlets avoiding the risk of water build-up and penetration. The large surface and capacity void space enables superior drainage efficiency compared to the small voids created by using a gravel system.



30mm HexCell Drainage Cell is pallet optimised, minimising logistics costs and reducing product damage in transit

Dimensions (Metric):	(H) 30mm x (L) 550mm x (W) 550mm
Dimensions (Imperial):	(H) 1.18" x (L) 21.65" x (W) 21.65"
Weight:	2.15kg/sqm, (0.44lb/1ft ²)
Surface Void:	70%
Compressive strength:	70t/m ² (99.56 PSI)
Flow Rate:	14,400 litres/h/sqm @ 1% fall (508.5/h/ft ²)
Service temperature:	-30°C + 120°C (-22°F + 248°F)
Material:	Available in Reprolene™ (Recycled Polypropylene) or HDPE
Chemical properties:	Unaffected by moulds and algae, soil-bourne chemicals and bacteria



30mm HexCell Drainage Cell is supplied in 1.1m x 1.1m panels.

Technical Data of 30mm HexCell Drainage Cell

APPLICATIONS	FEATURES	BENEFITS
Roof gardens	High compressive strength	Trafficable
Podiums	Open structure	High flow rate
Retaining walls	Durable	Long life expectancy
Civil works	Lightweight	Easy to handle
Sports fields	Supplied in large panels	Quick to install
Under slab drainage	Superior quality	Chemical and bacteria resistant
Balcony drainage	Made from recycled plastic	Environmentally friendly

Product Applications

Ausdrain's 30mm HexCell Drainage Cell is ideal for applications that require a higher compressive strength tolerance from the drainage void or higher risk applications. The lightweight nature of this product reduces the weight on the structure by 98% over gravel, making it the perfect choice for a range of sites and applications, including the below.

Green Roof Drainage

30mm HexCell Drainage Cell used as part of green roof installations can help manage stormwater runoff, as part of a green architecture design solution and to provide ongoing energy cost savings. Promoting drainage of excess water on-site, 30mm HexCell Drainage Cell creates a void between the roof and infill material whilst supporting the longevity of greenery and vegetation of the green roof, encouraging localised biodiversity in highly urbanised environments.



Planter Box Drainage

30mm HexCell Drainage Cell promotes the adequate aeration of vegetative roots and drainage of excess water from the planter box. Made from non-reactive 100% recycled Reprolene™, 30mm HexCell Drainage Cell can safely be used for planter box drainage and landscaping.



Retaining Wall Drainage

30mm HexCell Drainage Cell can be used to reduce structural stress and hydrostatic pressure from excess water in retaining wall applications. By creating a void between the retaining wall, waterproofing membrane and soil profile, 30mm HexCell Drainage Cell allows for adequate drainage without compromising the structural integrity of the wall.



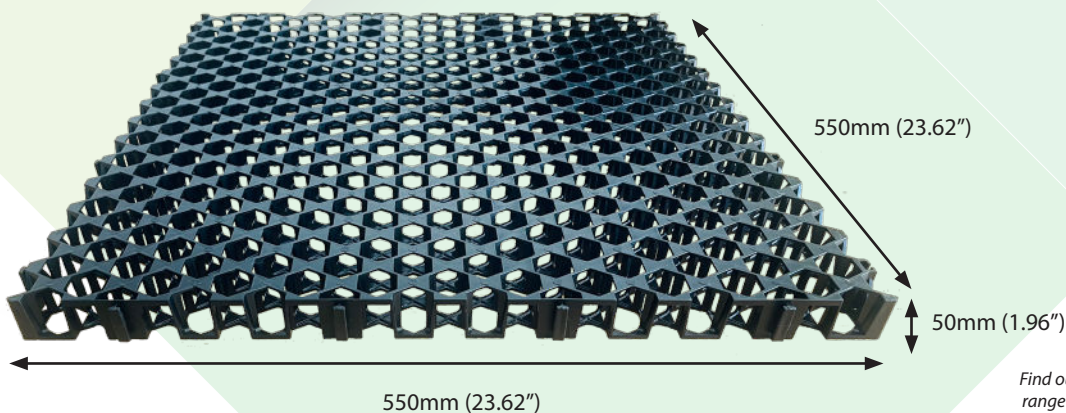
Sports Field Drainage

30mm HexCell Drainage Cell promotes the fast and effective drainage of stormwater or rainwater runoff when used in conjunction with Ausdrain's EnviroModule2. The Ausdrain Sports Field Drainage System treats, stores and manages excess water without causing disruption to the health and sustainability of the field itself. The system also allows for recycled water reticulation for ongoing field maintenance.



Waterproofing Membrane Protection

30mm HexCell Drainage Cell can also be used as part of a waterproofing solution in subsoil drainage applications. The high compressive strength of 30mm HexCell Drainage Cell internal void promotes airflow and adequate drainage between the waterproofing membrane and soil profile; mitigating structural damage often seen through increased hydrostatic pressure from excess water.



Find out more about Ausdrain's full range of drainage and stormwater management products



www.ausdrain.com

For more information about Ausdrain and our range of WSUD stormwater management solutions, contact our National team today:

1300 287 372

hello@ausdrain.com

PO BOX 40

Minto NSW 2566

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