



ACO. creating  
the future of drainage

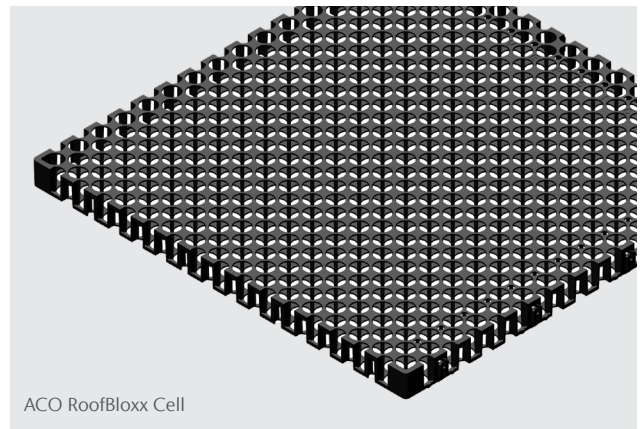
## ACO RoofBloxx Cell

ACO RoofBloxx Cell is a lightweight high strength sub-surface drainage sheet that provides superior performance.

It provides heat and sound insulation whilst also acting as a waterproofing membrane protection layer. ACO RoofBloxx Cell eliminates the need for the use of heavy gravel aggregates for sub-surface drainage and screeds for waterproofing membrane protection in planter boxes and intensive roof gardens.

### Benefits

- Design flexibility
- Easy installation
- Lightweight and high strength
- Efficient
- Sustainable and environmentally friendly



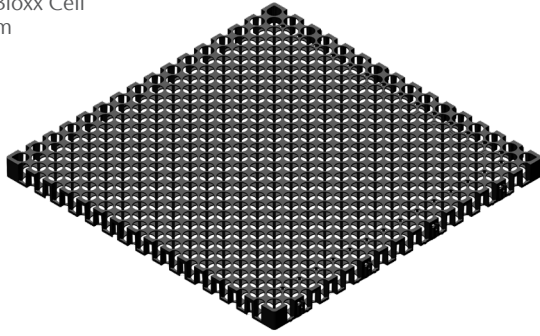
ACO RoofBloxx Cell

### Applications

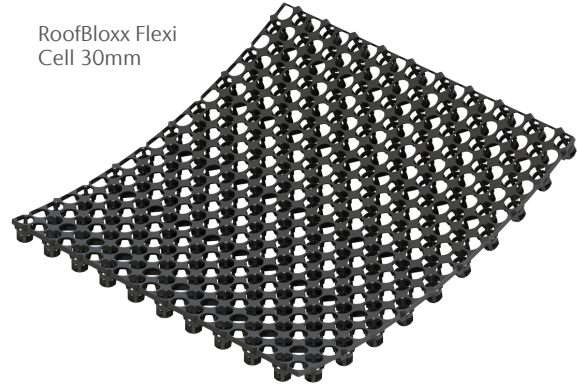
- Intensive green roofs
- Podium decks
- Planter boxes
- Paved areas and roadways

# System Overview

RoofBloxx Cell  
30mm



RoofBloxx Flexi  
Cell 30mm

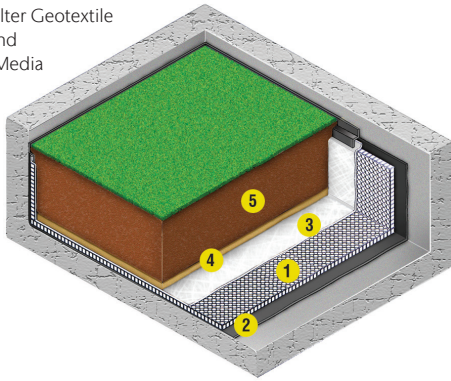


Product Code	Description	Size [mm]	Height [mm]	Material	Weight [kg/m <sup>2</sup> ]	Ultimate Compressive Strength [kN/m <sup>2</sup> ]	Discharge Capacity @ 1% gradient [l/m/s]	Surface Void Area [%]	Internal Void Area [%]
<b>ACO RoofBloxx Cell</b>									
110008	ACO RoofBloxx Cell 30mm, Black	500 x 500	30	Recycled Polypropylene	2.5	800	16.5	62	95
110009	ACO RoofBloxx Flexi Cell 30mm, Black	500 x 500	30	Recycled Polypropylene	2.0	600	16.5	62	95

## ACO RoofBloxx Cell Installation

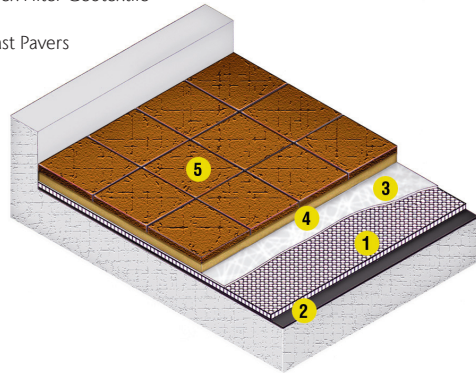
### Intensive Green Roof

1. RoofBloxx Cell
2. Waterproof Membrane
3. ACOTex Filter Geotextile
4. Coarse Sand
5. Growing Media



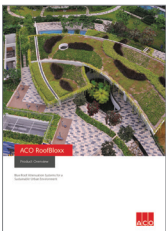
### Podium Deck

1. RoofBloxx Cell
2. Waterproof Membrane
3. ACOTex Filter Geotextile
4. Sand
5. Pre-cast Pavers



## Typical Specification Clause

The modular sub-surface drainage system shall be ACO RoofBloxx Flexi Cell / ACO RoofBloxx Cell by ACO Building Drainage, consisting of individual interlocking components 500 x 500 mm (nominal) x 30 mm height weighing no more than 2.5 kg/m<sup>2</sup>. Black in colour and manufactured from re-cycled polypropylene. Voids are to be circular in design and shall be at least 62% of the horizontal surface area. Discharge capacity is to be at least 16.5 l/m/s (at hydraulic gradient of 1%).



To download a copy of the ACO RoofBloxx Product Overview brochure visit [www.aco.co.uk/products/roofbloxx](http://www.aco.co.uk/products/roofbloxx)

### ACO Building Drainage Contacts:

e-mail Customer Enquiries: [abdcommercial@aco.co.uk](mailto:abdcommercial@aco.co.uk)

e-mail Technical: [abdtechnical@aco.co.uk](mailto:abdtechnical@aco.co.uk)

Tel: 01462 810411

[www.aco.co.uk/products/roofbloxx](http://www.aco.co.uk/products/roofbloxx)

ACO. creating  
the future of drainage

