



ACO. creating  
the future of drainage

## ACO RoofBloxx Reservoir Tray

The ACO RoofBloxx Reservoir Tray is a lightweight versatile interlocking modular reservoir and drainage tray for green roof applications.

ACO offer three systems that are manufactured from a UV stabilised recycled polypropylene: RoofBloxx Reservoir Tray 30mm, RoofBloxx Reservoir Tray 60mm and RoofBloxx Reservoir Tray 150mm.

### Benefits

- Provides efficient drainage
- Reduces irrigation requirement
- Protects waterproofing membrane
- Enables on-site rainwater retention
- Lightweight and flexible
- Recyclable
- Suitable for retrofitting and/or new projects
- Mitigates urban stormwater runoff



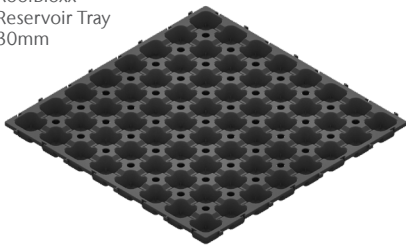
ACO RoofBloxx  
Reservoir Tray 60mm

### Applications

- Extensive green roofs
- Planter boxes
- Irrigation reservoir layer for inverted blue roof designs

## System Overview

RoofBloxx Reservoir Tray 30mm



RoofBloxx Reservoir Tray 60mm



RoofBloxx Reservoir Tray 150mm



### RoofBloxx Reservoir Tray 30mm

Comprises a network of reservoirs that store over 11 litres of rainwater per square metre. Its flexibility allows it to be easily cut around roof protrusions and to conform to curved surfaces where required.

### RoofBloxx Reservoir Tray 60mm

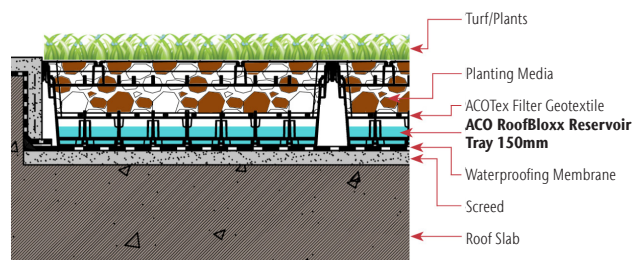
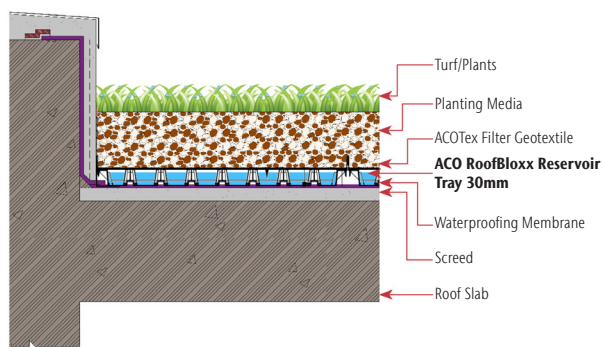
Comprises a network of reservoirs that can store over 18 litres of rainwater per square metre. Its modular design together with wall extenders helps to create a 100mm deep monolithic planting surface. Alternatively, the wall extenders can be used to create an off-site planting tray to achieve an instant extensive green roof.

### RoofBloxx Reservoir Tray 150mm

Comprises a network of reservoirs that can store over 32 litres of rainwater per square metre. This product is designed with high walls that makes it ideal for pre-planting off-site to allow the installation of an instant extensive green roof.

Product Code	Description	Size [mm]	Height [mm]	Material	Weight [kg/m <sup>2</sup> ]	Reservoir Capacity [l/m <sup>2</sup> ]	Ultimate Compressive Strength [kN/m <sup>2</sup> ]	Soil [mm]
<b>ACO RoofBloxx Reservoir Tray</b>								
110010	ACO RoofBloxx Reservoir Tray 30mm	500 x 500	30	Recycled Polypropylene	1	11.6	470	Variable
110007	ACO RoofBloxx Reservoir Tray 60mm	500 x 500	60	Recycled Polypropylene	2	18.0	618	Variable
110005	ACO RoofBloxx Reservoir Tray 60mm 100mm Extender	500 x 500	40	Recycled Polypropylene				
110004	ACO RoofBloxx Reservoir Tray 60mm 100mm Joiner	500 x 500	40	Recycled Polypropylene				
110006	ACO RoofBloxx Reservoir Tray 150mm	500 x 500	150	Recycled Polypropylene	2.5	32	N/A	100

### ACO RoofBloxx Reservoir Tray Installation



### Typical Specification Clause

The green roof reservoir and drainage layer shall be ACO RoofBloxx Reservoir Tray 30/60/150mm (delete as appropriate) by ACO Building Drainage measuring 500 x 500 x 30/60/150mm (delete as appropriate) with a storage capacity of 11/18/32 (delete as appropriate) l/m<sup>2</sup>, and a ultimate compressive strength of 470/618/N/A kN/m<sup>2</sup>.

### ACO Building Drainage Contacts:

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Download the ACO RoofBloxx Brochure at:

<https://www.aco.co.uk/products/roofbloxx>

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