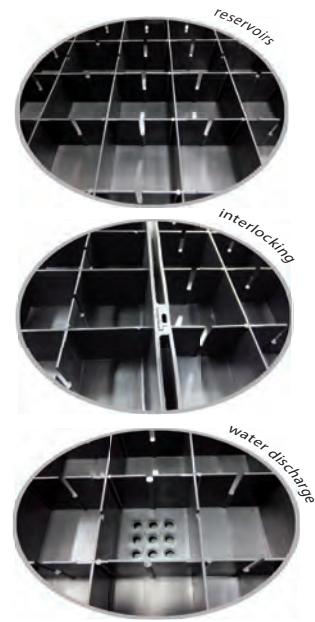


PlanterCell® 70



PlanterCell® 70 is a green roof modular tray system with high water storage capacity to reduce irrigation needs and can also be used as a part of rain water management to reduce peak flow. It has a high compressive strength to accommodate human traffic.

The tray, a single piece injection moulding, is designed with 64 cells acting as reservoirs with water storage capacity of approx. 30.4 l/m² to nourish plants via capillary action resulting in minimal irrigation needed. Cell walls in one direction are slotted to equalise water amongst the reservoirs and perforations are made on 4 of the cell floor to drain excess water. The tray has raised legs to prevent water logging. Male/female interlocking system at the sides of the tray allows the trays to be laid out securely to form a platform for planting.

The system consist of the tray, PlanterCell® Planting Mix and Insu® Felt as a separation layer between the planting media and the cells to prevent clogging of the reservoirs.



Technical Specifications		UOM	PlanterCell® 70
SEC Green Label			Yes
SGBC Green Product			✓✓✓✓
Material			Recycled PP
Colour			Black
Size:	Height	mm	70
	Width	mm	500
	Length	mm	500
Pieces per m ² Area		pc	4
Nominal Weight:	Planted	kg/m ²	145 to 160
Cells (Reservoirs)		nos.	8 x 8
Water Storage	Capacity	l/m ²	30.40
Compressive Strength		tonnes _f /m ²	55.0
Planting			Intensive Extensive

SEC = Singapore Environment Council

SGBC = Singapore Green Building Council

- (1) Roof Slab
- (2) Root-Resistant Waterproofing Membrane
- (3) PlanterCell® 70
- (4) Insu® Felt
- (5) PlanterCell® Planting Mix
- (6) Selected Green Roof plants

Fire resistant version available. Please contact us for more information.