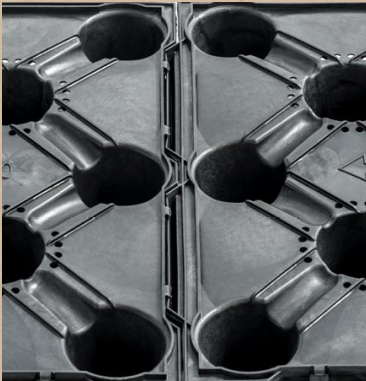


## Roof Garden Panel

### What is Roof Garden Panel?



The roof garden panel comes in either 5 or 9 cm high and are made from recycled plastic. The roof garden panel is light weight and comes with interlocking panel designed to provide quick coverage and establishment of roof gardens. The panels not only allow the excess water to drain away but the plastic cups also provide for water storage to allow the plants reuse when developing roof top gardens. The system can provide a green roof solution for residential, industrial and commercial buildings.

The Roof Garden Panel is easy to lay and move. The empty space that is created between the waterproofing and the panel, allows the passage of pipes and cables required to install irrigation systems, lighting or any other requirements. The staggered layout of the panel feet (cups), which have large, circular, support surfaces, makes the Roof Garden Panel able to resist a compressive load of more than 10,000 kg/m<sup>2</sup>, allowing it, when dry, to stand up to heavy loads, such as small rubber-tired loaders, mini-excavators. The panel feet distribute the load over the roof.

### Benefits

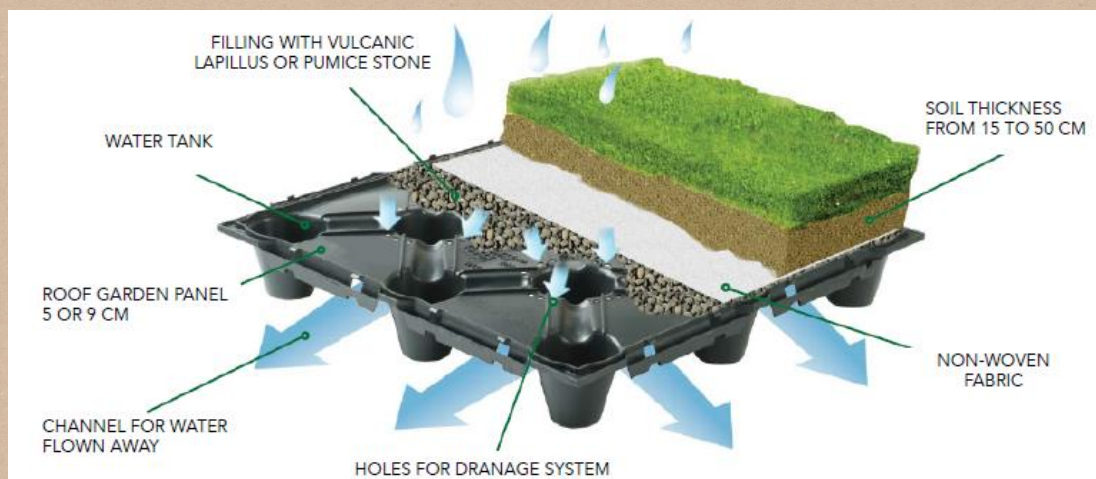
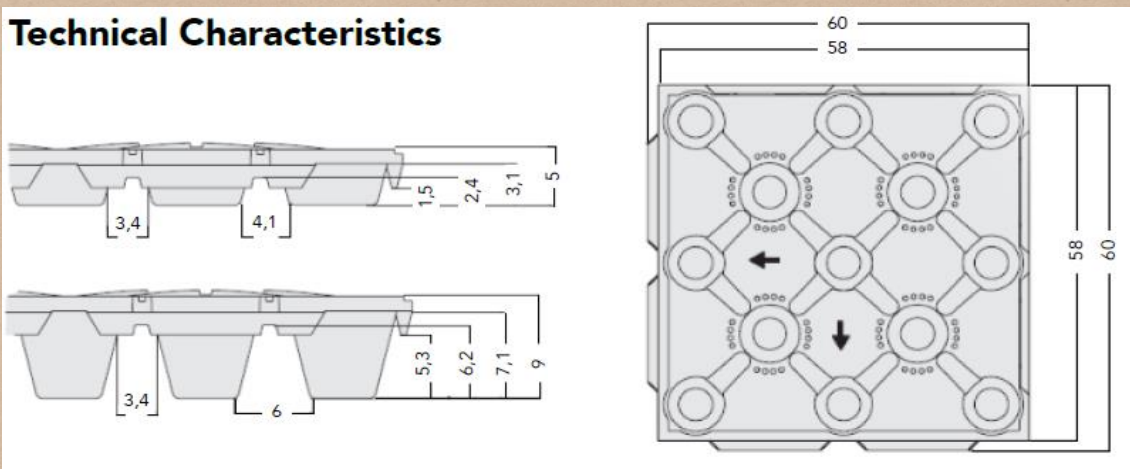
- ✔ Reduce the impacts of urban heat island effects.
- ✔ Regulate urban rainfall runoff, through accumulation and retention, and returning a small percentage of this water, to the environment.
- ✔ Reduces outside noise pollution.
- ✔ Improve visual amenities of the urban landscape.
- ✔ Reduces roof top maintenance costs, since the entire area is covered and protected from the sun's direct rays, inclement weather and seasonal temperature variations.

## Technical Specifications

General	5 cm	9 cm
Pieces per m <sup>2</sup>	3	
Dimension	580 x 580 x 50 mm	580 x 580 x 90 mm
Dimension tolerance	+/- 3%	
Total surface of feet	1240 cm <sup>2</sup> /m <sup>2</sup>	609 cm <sup>2</sup> /m <sup>2</sup>
Resistance to compression	Over 10,000 kg/m <sup>2</sup>	
Water reservoir (calculated in horizontal plane, for inclinations calculate maximum loss 10%)	14 L/m <sup>2</sup>	18 L/m <sup>2</sup>
Filling the panel with volcanic lapilli or pumice	14 lt/m <sup>2</sup> (0.014 m <sup>3</sup> /m <sup>2</sup> )	18 lt/m <sup>2</sup> (0.018 m <sup>3</sup> /m <sup>2</sup> )
Drainage capacity (with fabric non fabric + 20 cm of soil)	1,300 L/m <sup>2</sup> h	

\*All data is subject to change without prior notice by the manufacturer.

### Technical Characteristics





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## Product Gallery

