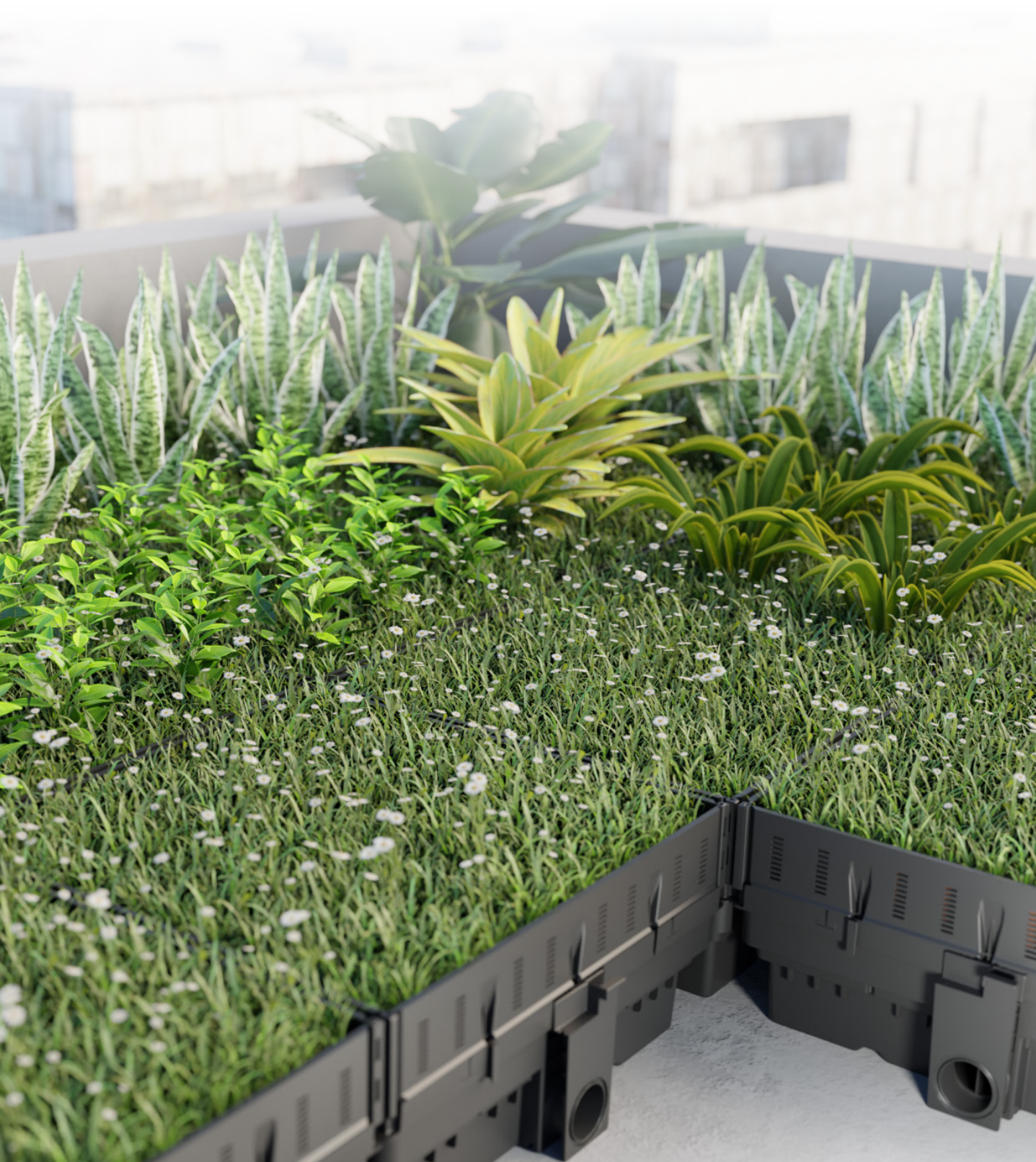


# MEP® Tray

Modular Extensive Planting System

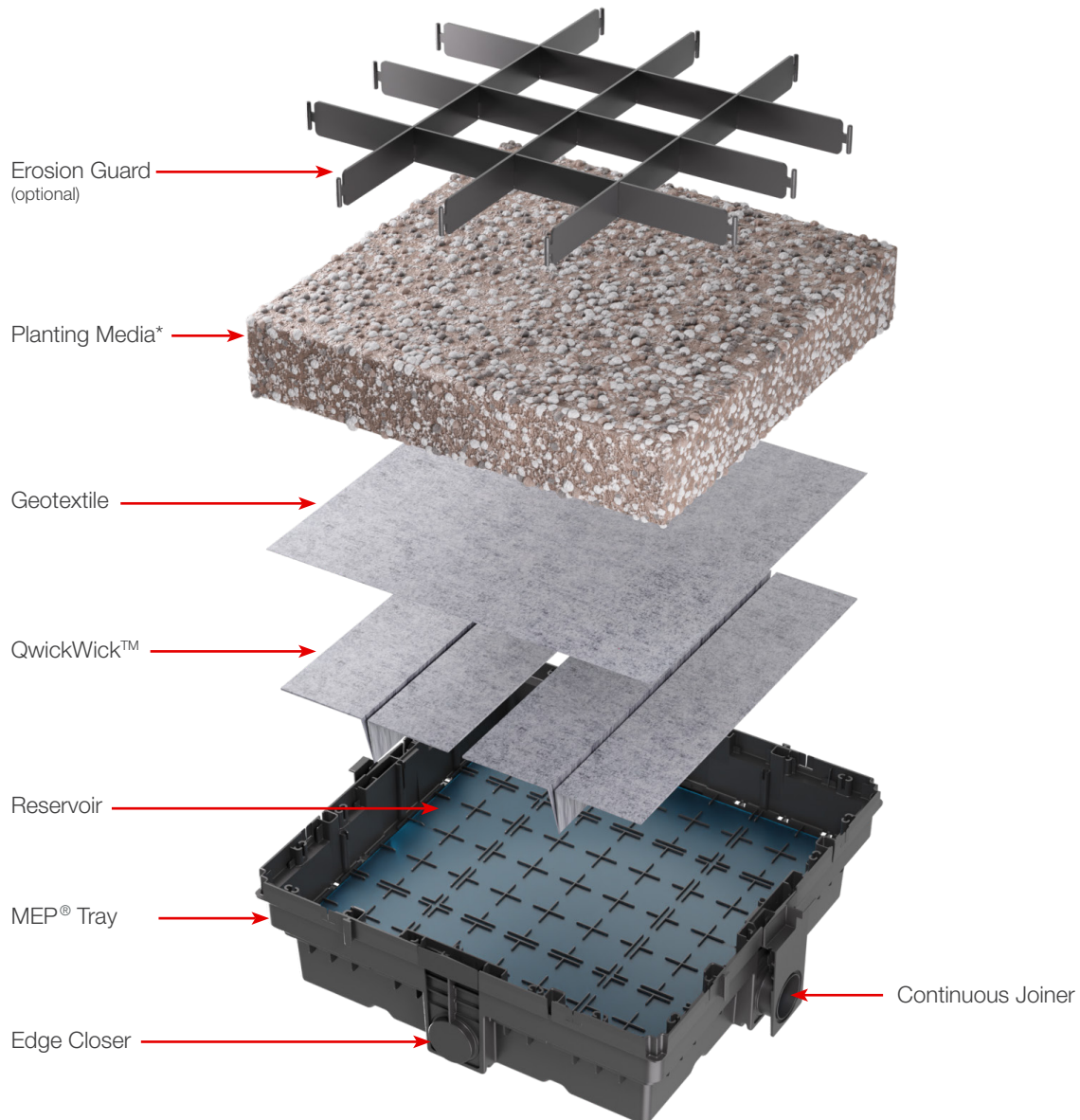


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# MEP® Tray

A pre-planted modular planting tray system that supports long-term plant sustainability with ease of maintenance. MEP® Tray offers a quick solution to establish extensive green roofs.



## About MEP® Tray

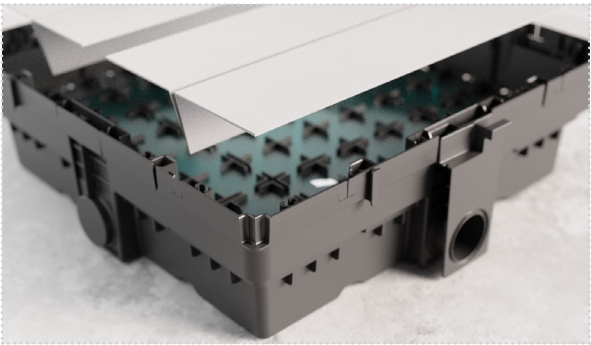
MEP® Tray adopts a modular tray design, which is lightweight and robust. It has water storage compartments that passively assist irrigation requirements and is made from high-strength UV-stabilised polypropylene.

Each MEP® Tray, including accessories, saturated planting media, plants and stored water, weighs approximately 38 kg. The self-contained MEP® Tray may be pre-planted in a nursery prior to installation to achieve instant greening of rooftops.

In the event that a layout modification is necessary, each MEP® Tray can be added, removed, or rearranged without disruptions to the green roof's functionality.

*\*not supplied*

# Distinctive Standard Features



## Self-Watering

QwickWick™ convey water to planting media, ensuring they are kept moist to promote plant growth, thereby decreasing the need for frequent irrigation.



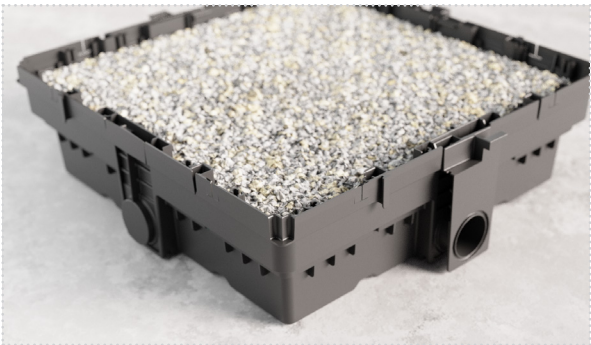
## Linked Reservoirs

Rainwater collected from unsheltered MEP® Trays are distributed evenly across the MEP® system with proprietary Continuous Joiner.



## Speed Up Water Distribution

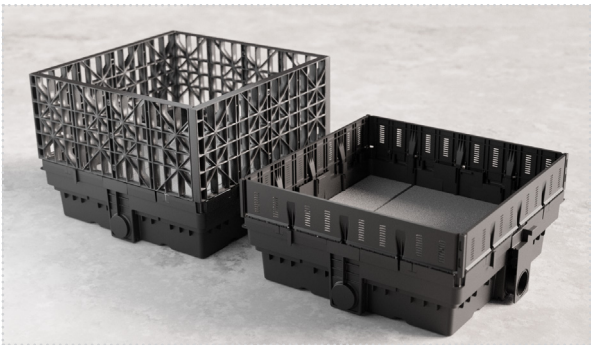
More water channels are created with 50 mm pipe fixings to speed up water distribution among adjoining MEP® Trays during heavy downpours.



## Create Maintenance Paths & Walkway

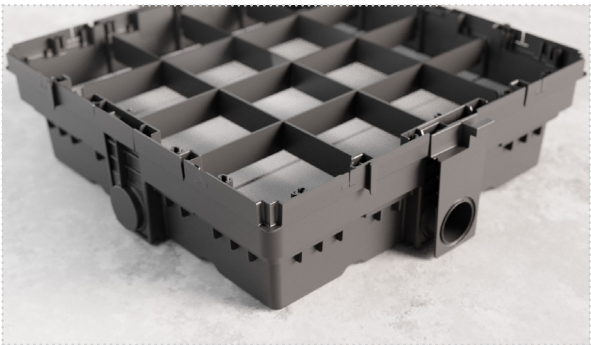
MEP® Tray may be filled with gravel and joined with adjacent trays to form maintenance paths and walkways.

# Optional Features



## Deeper Planting Depths

Wall Extender can be added to MEP® Tray to increase the planting depth by 75 mm or 250 mm.



## Erosion Control

Erosion Guard is fixed to inner walls of MEP® Tray and holds planting media in place, especially on sloping surfaces.

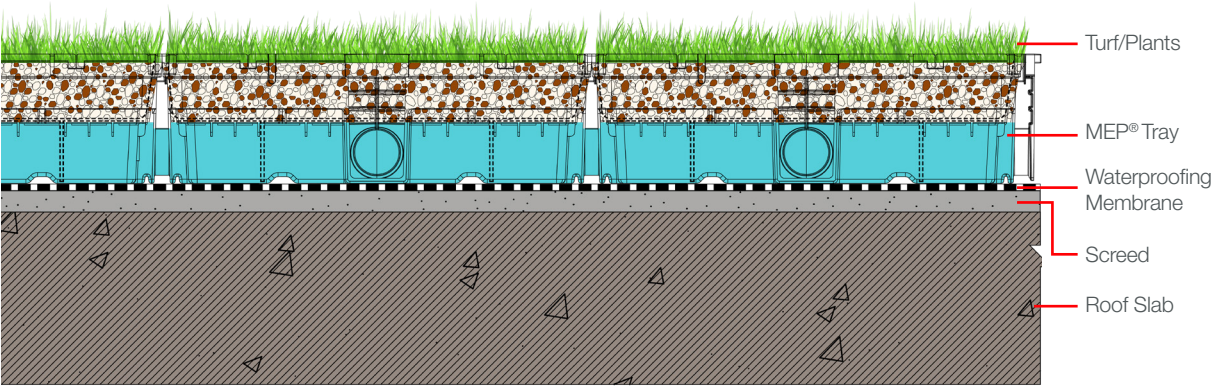
# Technical Specifications

<b>Material</b>	PP
<b>Dimensions</b>	500 mm x 500 mm x 150 mm
<b>Planting media height</b>	75 mm
<b>Wall Extender</b>	75 mm / 250 mm
<b>Reservoir capacity</b>	40 L/m <sup>2</sup>
<b>Weight</b>	
- Empty	12 kg/m <sup>2</sup>
- Planted	150 kg/m <sup>2</sup>
<b>Weight of Geotextile</b>	150 g/m <sup>2</sup> to 200 g/m <sup>2</sup>

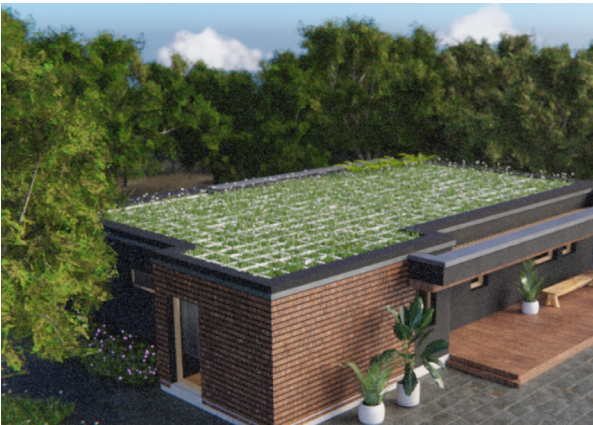
# Advantages

- Established green roof upon installation
- Modular, lightweight and portable
- Closed drainage system
- Watertight connectors
- Spill-proof planting media containment

# Typical Details



# Applications



Roof Garden



Green Solar Roof



The Elmich security hologram ensures authenticity of the products.



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