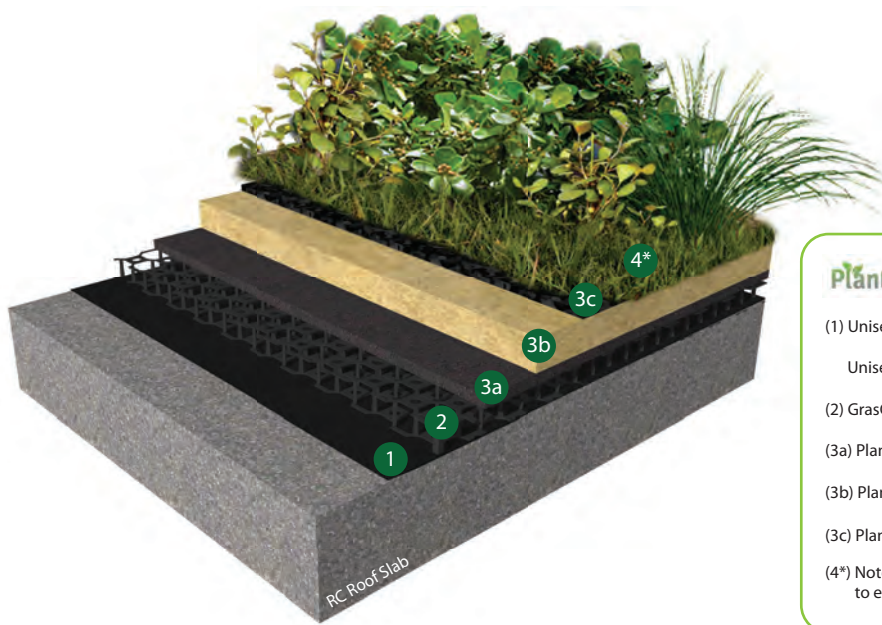


PlanterCell® VegiMat System



PlanterCell® VegiMat System

- (1) Uniseal® HDPE 0.15mm / 0.6mm thick Root Barrier Membrane
or
Uniseal® HDPE 1mm / 2mm thick Rootproof cum. Waterproof Membrane
 - (2) GrasCell® DC30 Drainage Cell 30mm thick or GrasCell® DC20 20mm thick
 - (3a) PlanterCell® H₂O-R Moisture Mat 12mm thick
 - (3b) PlanterCell® Growool™ Hygroscopic Roll 20mm thick
 - (3c) PlanterCell® 3D Mat 20mm thick
- } (3) PlanterCell® VegiMat
- (4*) Note: Please request for Pregrowing Guide for Vegetated Layer to establish the Organic Vegetation 4**

PlanterCell® VegiMat System is a lightweight vegetated green roof composite mat system which incorporates a vegetated mat, hygroscopic water retention Growool™ substrate, moisture retention mat, drainage cell layer (where applicable) and a root barrier membrane. It is designed specifically for green roofs on lightweight structures such as bus-stop shelter, taxi-stand shelter, train/bus depots, MRT stations, covered link ways and composite metal roofs for residential, non-residential and industrial developments.

The vegetated mat could be pre-grown with suitable plant species with organic soilless planting media or it can be planted on-site. PlanterCell® VegiMat System can be easily trimmed to conform to any sizes, shapes and contour of the roof structures.

Technical Specifications	UOM	PlanterCell® VegiMat System
Organic Vegetated Mat <small>(inclusive of PlanterCell® 3D Mat)</small>	mm	20-25
PlanterCell® Growool™		
Density	kg/m ³	100-110
Thickness	mm	20
PlanterCell® H ₂ O-R Moisture Mat		
Weight	g/m ²	800
Thickness	mm	12
GrasCell® DC20	Thickness mm	20
GrasCell® DC30	Thickness mm	30
Uniseal® HDPE	Thickness mm	0.15 / 0.6 / 1 / 2
Saturated Weight	kg/m ²	± 39.88
Water Retention	l/m ²	± 28.2

