

**FEATURES**

GaiaMat™ is a patented green roof system based on our proprietary soil-less natural fiber mat technology.

Green roofs offer a wide range of advantages to buildings and urban cities. They bring back natural ecology to concrete cities, reduce flash floods, and are excellent at cooling down indoor temperatures. Unlike conventional green roof systems, GaiaMat is a soil-less system. It is a patented technology that comprises multiple proprietary layers of natural fibers, supporting a layer of lush living green.

**PRODUCT BENEFITS**

- Ultra lightweight (5x lighter than conventional soil system)
- Suitable for retrofitting on existing roof
- Fast & easy installation
- Reduces indoor temperature by: 2 - 4 °C\*
- Low maintenance
- Lessweeds
- No trimming or cutting necessary
- No soil residue
- Easily rolled off for roof maintenance
- Pre-grown to ensure plant maturity
- Natural



Sunway Geolake Residence



SJKC Wangsa Maju Roof (GaiaTurf)



Dash Highway



Private Residence in Tropicana

SPECIFICATIONS	GaiaMat™	Conventional Soil-Based Green-Roof System
Weight	25-40 kg/m <sup>2</sup>	150-200 kg/m <sup>2</sup>
Installation Duration	0.2 man-hour/m <sup>2</sup>	1.0 man-hour/m <sup>2</sup>
Maintenance	\$	\$\$\$
Thickness	~65mm without plants	150-200mm without plants
Water Requirement	☹	☹☹☹

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