



Versatile Landscape Products

December 2010

Sustainable Green Roofs

Elmich Green Roof System offers specifiers design flexibility to create aesthetically pleasing, heat and sound insulating, value added green roof gardens that cater for a wide range of plant species grown in diverse climatic and environmental conditions.

The **Elmich Green Roof System** incorporates a wide range of proprietary products to suit virtually any design requirement for both intensive and extensive roof garden applications. Highly UV stable and root resistant waterproofing membranes, drainage cells, water retention and drainage trays, geotextile and cellular confinement cells in addition to paver and decking support products all may be incorporated to create functional green roof garden areas.

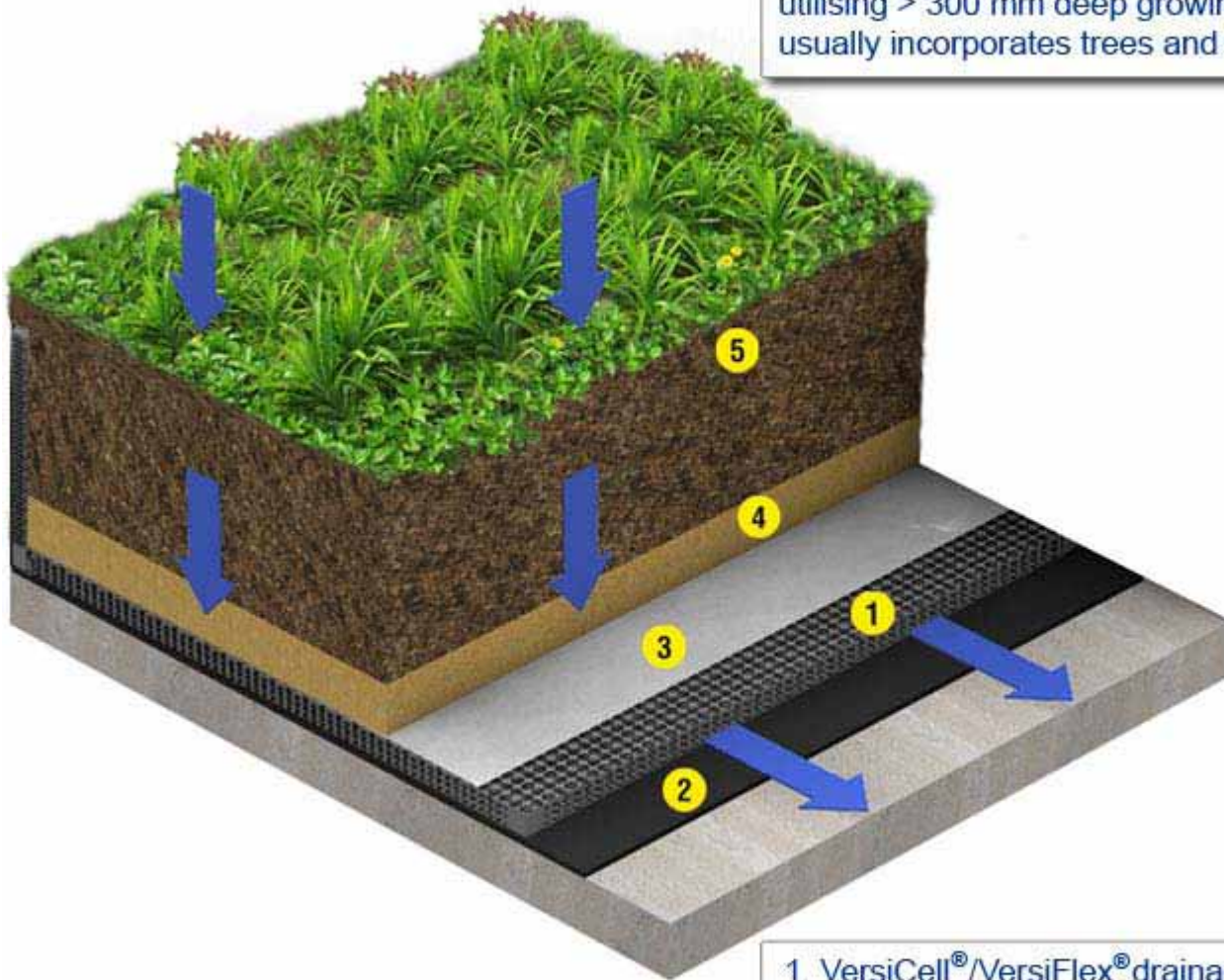
ADVANTAGES OF ELMICH GREEN ROOF SYSTEM

- Efficient water retention and drainage
- Easy to install components
- Facilitates active plant growth
- Waterproof membrane protection
- Reduced irrigation frequency
- Reduced weight on building structure
- Improved sound insulation

APPLICATIONS

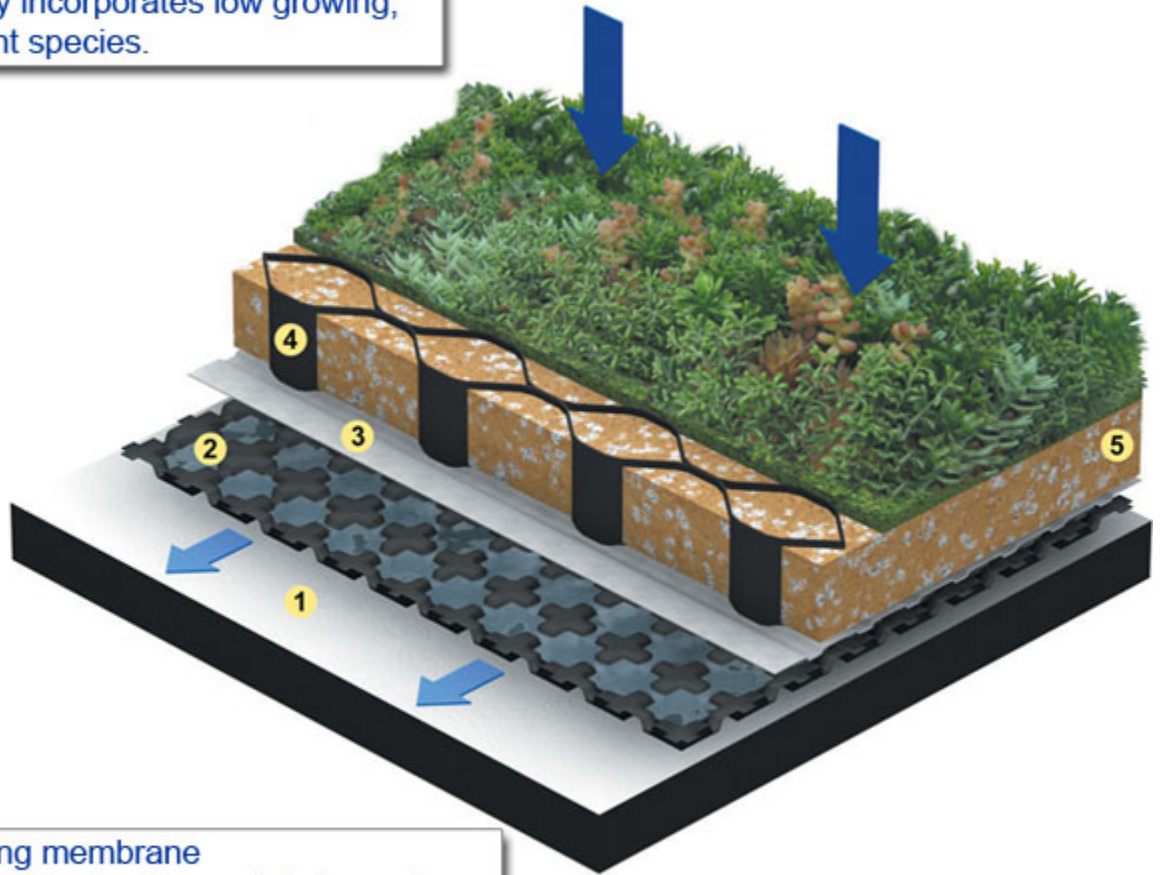
- Roof gardens
- Podiums and decks
- Courtyards
- Planter boxes

Elmich Intensive Green Roof System
utilising > 300 mm deep growing media
usually incorporates trees and shrubs.



1. VersiCell®/VersiFlex® drainage cell
2. Waterproofing membrane
3. Geotextile
4. Washed sand
5. Growing media

Elmich Extensive Green Roof System utilising < 300mm deep light weight growing media normally incorporates low growing, drought tolerant species.



1. Waterproofing membrane
2. VersiDrain[®] 25P retention and drainage tray
3. Geotextile
4. VersiWeb[®] cellular confinement cell
5. Growing media

Elmich Green Roof System offers an important option to address climate change issues created by larger and taller buildings and increased city densities. Elmich has supplied landscape products world-wide to more than one million square metres of residential, commercial and industrial projects resulting in environmentally sustainable structures.



HDB Car Park Holland Drive Singapore



HDB Car Park Edgefield Plains Singapore



The Westbury Apartments Sydney



HDB Car Park Dover Crescent Singapore



HDB Punggol West Singapore



Arams Spa Singapore



131 Queen Street Melbourne



Universal Studios Singapore



Pasir Ris Park Singapore



Marina Barrage Singapore



Holt & Hart Building Sydney



Republic Polytechnic Singapore



Singapore Flyer Adjacent Car Park Singapore



click [here](#) for Green Roof System brochure

About Elmich Australia Pty Ltd: For more than a decade, Elmich has designed and created innovations in landscape engineering. Working closely with specifiers and landscape engineering specialists, Elmich develops customised solutions for residential, commercial, infrastructural and industrial projects world-wide.

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