

Sustainable Green Roofs With VersiDrain[®] 25P

Green Roofs that allow unattractive and heat absorbing roofs to become aesthetically pleasing and environmentally sustainable structures are increasing in popularity and incorporate vegetation, growing media and efficient water retention and drainage systems.

Elmich, a leading designer and manufacturer of landscape engineering products world – wide, has introduced **VersiDrain[®] 25P** that functions to store and drain water on green roofs.

VersiDrain 25P is a lightweight, high strength perforated plastic sheet that both stores and drains water on green roofs.

VersiDrain 25P allows water and soluble nutrients to become stored in an array of mini reservoirs or cells and returned to the soil, via capillary action.

Versidrain 25P allows excess water to flow to outlets ensuring fail-safe drainage.

Versidrain 25P protects waterproofing membranes and the high compressive strength effectively supports the weight of growing media and even large trees.

Advantages

- Reduced irrigation frequency
- More vigorous plants
- Root impenetrable
- Resistant to soil borne chemicals
- Waterproof membrane protection
- Rot resistant

Applications

- Extensive Green Roofs
- Intensive landscaped roofs
- Planter boxes












1. Soil media
2. Geotextile
3. **VersiDrain 25P**
4. Waterproofing membrane

VersiDrain 25P positioned on a sloped concrete roof and covered with geotextile (right) ensures reliable water supply to a range of decorative plant species on amenity and recreational blocks (below) at Pasir Ris in Singapore



VersiDrain 25P positioned on a sloped metal roof (above left) stores water for uptake by succulent plant species growing in a lightweight soil-less media (above right) at Aramsa Spa in Singapore

 <p>ELMICH AUSTRALIA PTY LTD 52/8 Avenue of Americas Newington NSW 2127 Australia Ph: 61 2 9648 2073 Fax: 61 2 9648 4731 Email: australia@elmich.com www.elmich.com.au</p>	<p>VersiCell Sub-soil Drainage Modules</p> 	<p>VersiTank Underground Stormwater Tank</p> 	<p>VersiJack Telescopic Pedestal</p> 	<p>VersiWeb Cellular Confinement System</p> 
	<p>TurfPave XD Grass Pavers</p> 	<p>VersiDrain 25P Water Retention and Drainage Tray</p> 	<p>VersiPave GP Adjustable Paver Support</p> 	<p>VersiDrain 8 & 10 Geo Dimpled Drainage Sheets</p> 

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or e-mail us at: australia@elmich.com