

## VersiDrain<sup>®</sup> 25P

### Water Retention and Drainage Sheet

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

**VersiDrain 25P** sheets when covered with geotextile and soil media allow 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** cells are interconnected by channels that allow water to flow between the reservoirs. Perforations in the channels allow excess water to flow to outlets ensuring fail-safe drainage.

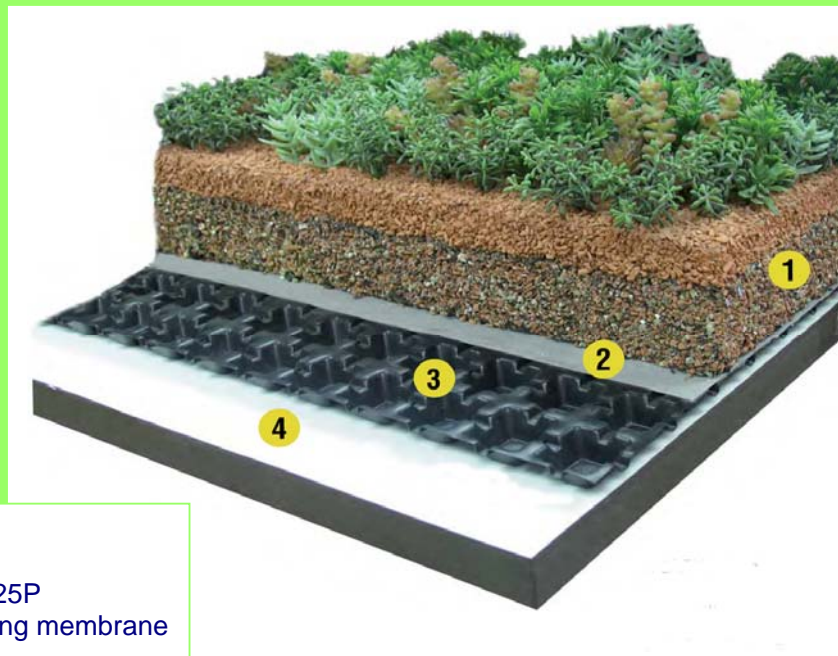
**Versidrain 25P** protects waterproofing membranes and the high compressive strength effectively supports the weight of growing media and even large trees.

#### 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



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