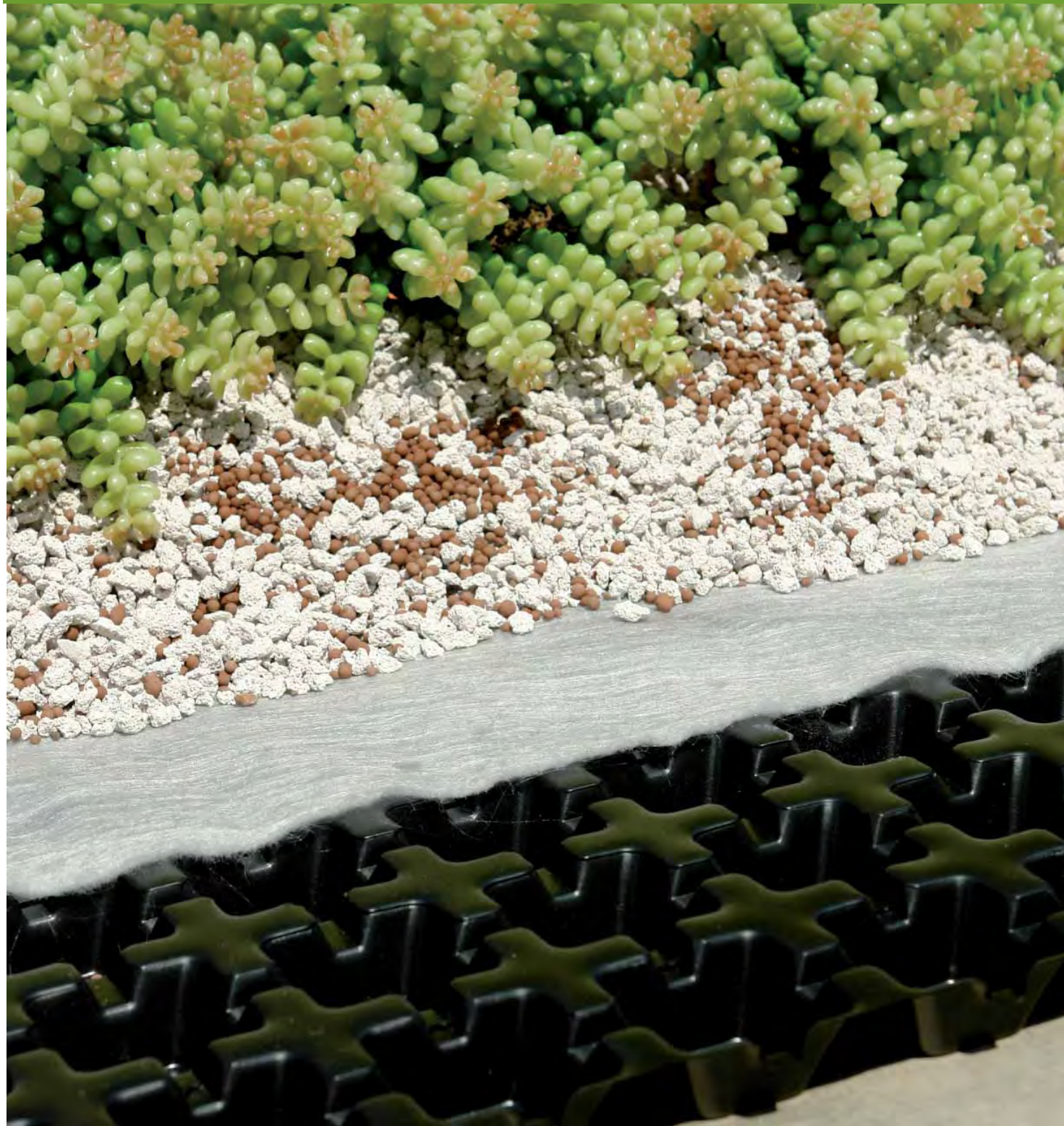


VersiDrain® 25P

Water Retention
& Drainage Tray

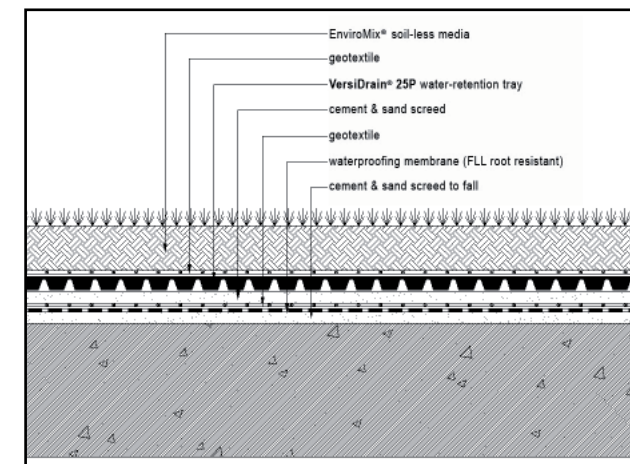


Specifications

Material:	Polyethylene
Color:	Black
Stud height:	23 mm
Thickness:	1 mm
Weight:	0.9 kg/m ²
Roll size/dimensions:	2.22 m x 1.33 m
Compressive Strength:	50 kN/m ²
Fire rating:	B2 (DIN 4102)
Water storage capacity:	6.1 l/m ²
Flow rate @ 3% gradient:	1.5 l/m.s
@ 2% gradient:	1.2 l/m.s
Permissibility:	0.81 l/m.s
Life duration:	> 50 years



Typical Green Roof Detail



Enhancing Our Environment

VersiDrain® 25P enhances our environment by retaining water for re-use and allowing drainage of excess water on extensive green roof systems



Note: The information provided in this brochure is based on current knowledge and experience and does not infer any legally binding assurance or warranty, expressed or implied. Intending purchasers should verify whether any changes to specifications or applications or otherwise have been made since this literature was issued. Whilst VersiDrain® 25P is designed for its intended use, the design calculations shall be the responsibility of the Specifier and/or User.

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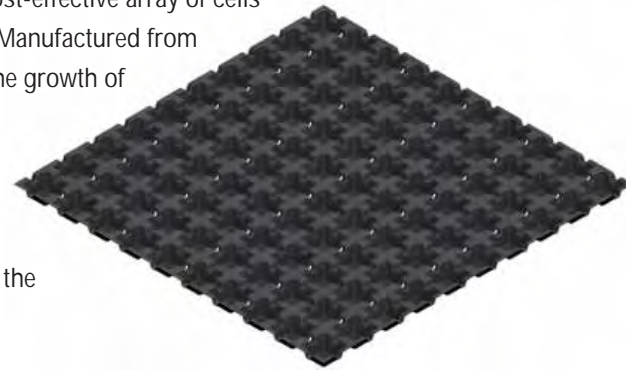
VersiDrain® 25P

VersiDrain® 25P water retention and drainage tray enhances our environment by retaining water for re-use and allowing drainage of excess water on extensive green roof systems.

VersiDrain® 25P water retention and drainage tray is a lightweight, cost-effective array of cells that function to both store and drain water in landscape applications. Manufactured from UV-stabilized high density polyethylene, VersiDrain® 25P promotes the growth of healthier plants and reduces irrigation frequency.

VersiDrain® 25P allows excess water to be efficiently drained away and at the same time permits storage of water in a network of mini reservoirs or cells. Water and soluble nutrients that are stored in the cells are returned to the soil during dry periods.

The cells in the VersiDrain® 25P are interconnected by channels that allow water to flow between the cells whilst holes in the channels ensure fail-safe drainage under extreme conditions. VersiDrain® 25P protects the waterproofing membrane and the high compressive strength effectively supports the weight of the growing media and plants.

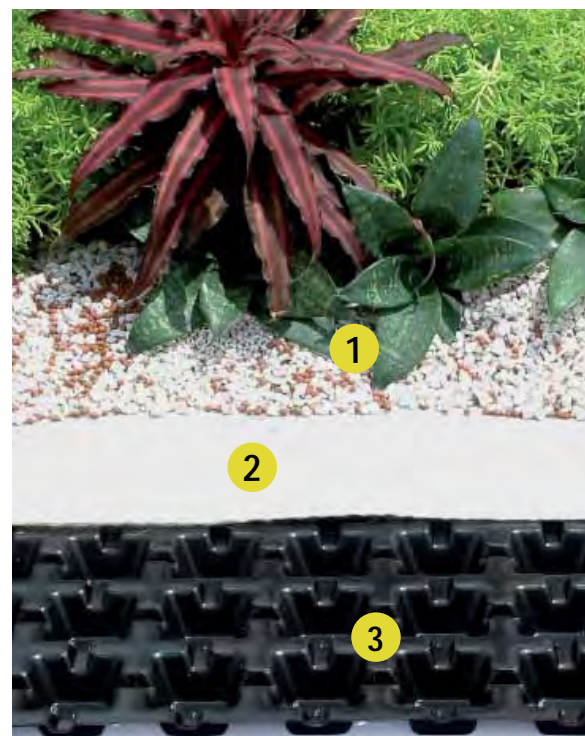


Advantages

- Healthier plants
- Reduced irrigation frequency
- Resistance to ground chemicals and biological attack
- Root-impenetrable
- Improved protection of waterproofing membrane

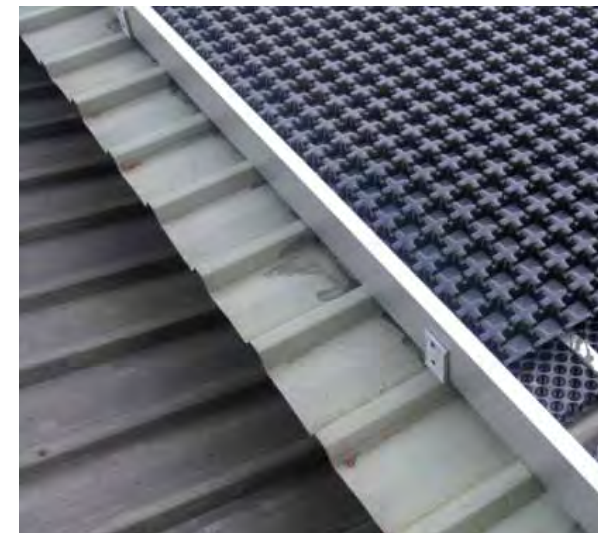
Applications

- Extensive green roofs
- Intensive landscape roof decks
- Planter boxes



1. Lightweight soil-less planting media
2. Geotextile
3. VersiDrain® 25P

VersiDrain® 25P finds major applications in extensive green roof systems. VersiDrain® 25P and uniquely formulated soil-less lightweight planting media provide greening solutions for both concrete and metal deck roofs.



Pitched roof installations incorporate aluminum restrainers to prevent planting media from sliding off the roof.