

Product Data Sheet

Grey2Green 40 mm Drainage Board

DRRD40



Physical Properties

Property	Test Standard	Units	Product Value
Perforated Cusped Drainage Sheet Data			
Polymer	100% Recycled High Density Polyethylene		
Nominal Thickness		mm	40
Grammage		g/m ²	2,300
Colour			Black/Grey
Max. Compressive Strength (Unfilled)	DIN EN ISO 25619-2	kN/m ²	144 (with 8.4% compression)
Max. Compressive Strength (Filled)		kN/m ²	280 (with 10% compression and 20mm overfilling)
Flammability	DIN EN ISO 11925-2		E
Water Reservoir (Unfilled)		l/m ²	8.7
Filling Volume		l/m ²	16
Drainage Board Size		m	2.0 x 1.0
Quantity per Pallet (2.05 x 1.05m Pallet)		m ²	600
Weight (per 2.0 x 1.0m Board)		kg	4.6

System Considerations

- Suitable for use on Extensive and Intensive Green Roof, podium and Inverted Roof Systems.
- Functional in Sedum, Wildflower and Biodiverse Systems and structural drainage layer in Podiums.
- Provides drainage and water storage.
- Butted together and can be overlapped to interlock.
- Geotextile protection layer to loosely laid beneath.
- Filter membrane to be loosely laid on top
- Resistant to chemicals.
- Resistant to root penetration.

Specific Properties

- 100% Recycled HDPE.
- CE marked CE-1213-CPD-4265.
- Drainage according to DIN 4095.
- Safe and targeted guiding of excess water.
- Depositing of water in the recesses.
- Low weight.
- Also suitable for Non-Pitched Roofs.
- Lightweight super structure with high drainage capacity.
- Recyclable.

Specification Description

Water-retention and drainage HDPE sheet. Studded HDPE sheets contains perforations to drain surplus water and high capacity dimples (Height c.40 mm) for water retention. High compressive strength (280 kPa) suitable for use on podiums where low-level structures are built above the drainage layer. Delivery in sheets saves pallet space. Can be overlapped and interlocked to provide a rigid base layer.