

Diffuser Unit 710x710x150; 110mm Ø Socket

PVOD05101

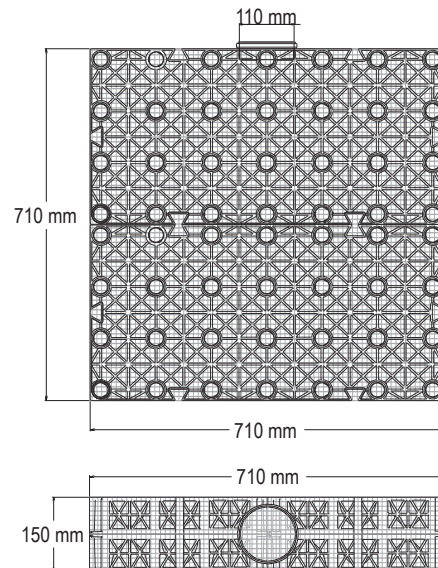
Description

The Permavoid Diffuser Unit 710x710x150; 110mm Ø Socket is used for the efficient diffusion of collected surface water runoff in or out of permeable aggregates. This technique can be utilised in conjunction with both pervious and impervious surfaces, in particular where there are high groundwater levels, contamination or shallow rock layers. Each diffuser module is complete with a pre-formed 110mm Ø push fit socket for easy connection to standard PVC-u underground pipework. All diffusers are encapsulated by a 2mm mesh which avoids debris clogging and provides an excellent open surface area for surface water runoff to easily flow into the surrounding aggregate.



Packaging Details

Element	Value	Unit
Packaging unit type	Double wall cardboard	
Packaging unit dimension	726 x 712 x 152 (LxWxD)	mm
Packaging unit weight	7	kg
Number of units per pallet	27	nr
Pallet dimensions	1200 x 1200 x 150 (LxWxD)	mm
Pallet weight	214	kg



Specification

Element	Value	Unit
Unit length	710	mm
Unit width	710	mm
Unit depth	150	mm
Socket OD Ø	110	mm
No. of sockets	1	nr
Approximate storage volume	70	L
Effective perforated surface area	59	%
Maximum roof catchment area *	100	m ²
Unit weight	7	kg
Material	HDPE / PP	

Diffuse up to 100m² roof catchment

Mesh encapsulation to avoid clogging

Standard PVC-u 110mm Ø Socket Connection

*Based on rainwater dispersal into a granular material with permeability greater than or equal to 0.02 m/s, in accordance with UK building regulations. Please check the design and build regulations for your country or region when considering this product.