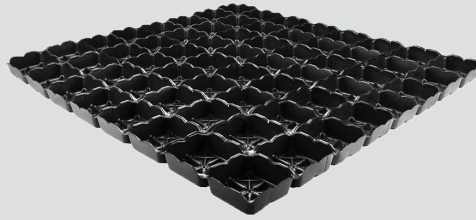


SOPRANATURE® DRAIN PLATE 60

High-Density, Water-Retention Drainage Board



APPLICATIONS

VEGETATED

PRODUCT DATA SHEET PDS10391 - REV 230322

PRODUCT NUMBERS:

- W918 - 39 x 79 in (1 x 2 m) - Board

NOTE: This product requires a minimum order of 20 plates.

DESCRIPTION & FEATURES:

SOPRANATURE DRAIN PLATE 60 is a 2.5 in tall, three-dimensional plastic drainage structure for green roofing systems. Unlike thin, flexible plastic drainage sheets, **SOPRANATURE DRAIN PLATE 60** is a thick, semi-rigid board composed of high-density polyethylene designed to withstand heavy pedestrian traffic and last a lifetime.

APPLICATION:

Install drain plates over a layer of SOPRABARRIER Root Barrier. Overlap plates by two corrugations, staggering joints of adjacent rows by a half sheet to avoid having more than three layers at any point. When cutting plates, use a board to protect underlying materials from damage. Once installed, fill the plates completely to the top with a lightweight aggregate. Lay separation fabric over plates, overlapping 6 in. Spread green roof planting media.

Refer to SOPREMA's published technical literature for additional details and application requirements.

STORAGE:

Store boards flat on the original pallet and maintain in a horizontal position to prevent damage. Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture. Ballast down during installation to prevent loss of product.

WARRANTY:

For more information refer to www.SOPREMA.us or contact your SOPREMA representative.

SUSTAINABILITY

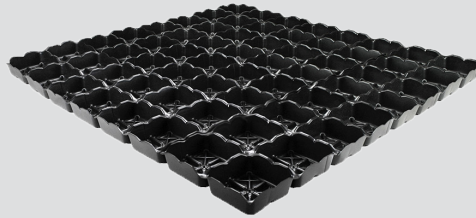


RECYCLED CONTENT
POST-CONSUMER

100%

SOPRANATURE® DRAIN PLATE 60

High-Density, Water-Retention Drainage Board



APPLICATIONS

VEGETATED

PRODUCT DATA SHEET PDS10391 - REV 230322

TECHNICAL INFORMATION & TESTING:

DIMENSION & MASS	
PROPERTY	VALUE
Material	100% post-consumer recycled HDPE
Length , in (m)	79 (2)
Width , in (m)	39 (1)
Height , in (m)	2.5 (0.060)
Coverage , ft ² (m ²)	22.5 (2.1)
Coverage per pallet , ft ² (m ²)	4,050 (378)
Weight , lb (kg)	16.1 (7.3)
Plates per pallet	180
Pallet weight , lb (kg)	2,939 (1,333.1)
Compressive strength , psf (kPa)	14,500 (695)
Water retention , gal/ft ² (l/m ²)	0.55 (22)
Aggregate fill volume , ft ³ /ft ² (l/m ²)	0.15 (45)

Data is represented by average values, unless noted otherwise.

FLOW RATES		
HYDRAULIC GRADIENT	FLOW RATE gal/min/ft	FLOW RATE liters/sec/m
i = 0.01	2.8	0.6
i = 0.02	4.1	0.8
i = 0.05	6.6	1.4
i = 0.10	9.5	1.9
i = 1.00	31.6	6.5