

PARADRAIN DRAINAGE PLATE



Commercial Product Data Sheet

Product Description

Paradrain Drainage Plate is designed specifically for sedum and other extensive green roof applications. The “waffle” shaped polypropylene core retains water beneath the growing medium (see chart), while creating a high-volume drainage passageway beneath the drainage plate. The mid-level point of the plate is perforated to facilitate drainage beneath applications incorporating a filter fabric overlay.

Packaging

The drainage plates are stacked and strapped with plastic bands around each pallet.

Number of plates per pallet: 300-350, as determined by project quantity and loading restrictions

Number of pallets per truckload: approximately 13, subject to weight limitations and shipping destination

Weight per pallet: Approximately 2500-3000 lb

Storage and Handling

Paradrain Drainage Plate is shipped by flatbed trailer or van. The drainage plates should be stored in a manner that protects them from puncture, dirt, grease, moisture and excessive UV exposure and heat. The plates should be stored on a prepared smooth surface in a dry place, out of direct exposure to the elements. Pallets should not be double stacked.

Installation procedures should occur between ambient temperatures of 32° F and 104° F. Installation should not be done in the presence of excessive winds.

Physical Properties

Thickness	1 inch (25 mm)	1.5 inches (40 mm)
Length	80 inches	80 inches
Width	40 inches	40 inches
Lap¹	Approx. 3 inches (2 dimples)	Approx. 3 inches (2 dimples)
Water retention	0.12 gal/ft ² (5 l/m ²)	0.17 gal/ft ² (7 l/m ²)
Coverage	Approx. 20 ft ²	Approx. 20 ft ²
Weight	7 lb	10 lb
Compressive Strength	5240 psf (251 kPa)	2080 psf (100 kPa)

1. Lap is required for lightweight growing media; optional for standard growing medium.

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