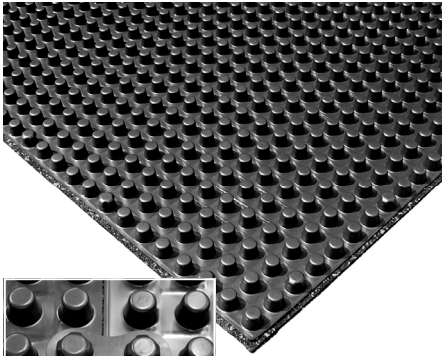


# Product Data Sheet

## Protectodrain® PD 250

Order No. 3250 / 3255



Heavy duty drainage element with incorporated protection properties for the use in intensive green roof applications or in hard landscape applications.



### Technical Data

#### Protectodrain® PD 250

Heavy duty drainage element made of ABS (Acrylonitrile Butadiene-Styrene) with attached rubber protection mat on the under side and lateral step joint.

Colour:	black
Height:	ca. 25 mm
Stud height:	ca. 20 mm
Thickness of the rubber protection mat:	ca. 3 mm
Weight:	ca. 5 kg/m <sup>2</sup>

Compressive strength at 10% compression (EN ISO 25619-2):	ca. 460 kN/m <sup>2</sup>
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In-plane water flow capacity (EN ISO 12958):	
roof slope 1 %:	ca. 1.0 l/(s·m)
roof slope 2 %:	ca. 1.5 l/(s·m)
roof slope 3 %:	ca. 1.9 l/(s·m)

Dimensions:	ca. 1.00 x 2.00 m	Order No. 3250
	ca. 1.00 x 2.30 m	Order No. 3255

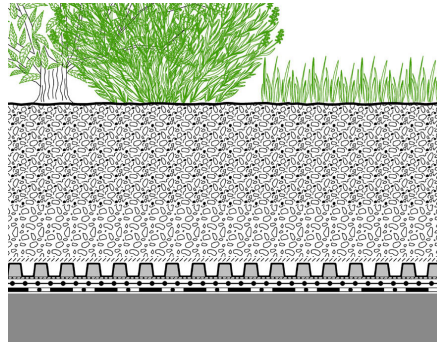
Accessories: Rubber 2-hole Connector  
(1 piece is required per meter joint)

### Features

- driveable by wheel loaders
- attached rubber protection mat provides mechanical protection for the waterproofing
- low in weight
- economic installation process
- high drainage capacity tested according to EN ISO 12958
- connection of butt jointed elements possible by special connecting pieces
- plastic studded sheet and rubber protection mat can be easily separated for recycling
- joint connector as accessory available

### Application Example

#### "Underground Car Park"



Plant layer

System Substrate "Roof Garden"

Zincolit® Plus

Filter Sheet TG

Protectodrain® PD 250

Slip Sheet TGF 20

Roof construction with root resistant waterproofing

### Specification Suggestion

Heavy duty drainage element made of ABS plastic with attached rubber protection mat on the underside, Height ca. 25 mm, Stud height ca. 20 mm, Compressive strength at 10% compression according to EN ISO 25619-2 ca. 460 kN/m<sup>2</sup>, in-plane water flow capacity

tested according to EN ISO 12958, delivery and installation according to manufacturer's instructions.

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