

Product Data Sheet

Drainage Mat DBV 12

Order No. 3012



Studded sheet made of polyethylene with attached filter sheet, used as protection for foundation walls or as protection layer with additional drainage function.



1213-CPD-4258



Technical Data

Drainage Mat DBV 12

Studded sheet of polyethylene with attached filter sheet.

Filter sheet:

Material:	PP/PE-mixture
Colour:	white
Area weight:	ca. 120 g/m ²
Penetration force:	ca. 1000 N
Effective opening width $O_{90,W}$:	ca. 150 μ m
Flow rate (at 100 mm water column):	ca. 110 l/s·m ²
Projecting filter sheet on the side:	ca. 100 mm

Studded sheet:

Material:	PE-regenerate
Colour:	black
Material thickness:	ca. 1 mm
Stud height:	ca. 10 mm
Number of studs:	ca. 3000/m ²

Compressive strength at 10% compression:

ca. 315 kN/m²

In-plane water flow capacity according to EN ISO 12958:

roof slope 2 %:

ca. 0.4 l/(s·m)

built in vertically:

ca. 3.2 l/(s·m)

Total height:

ca. 12 mm

Weight:

ca. 1.4 kg/m²

Dimensions:

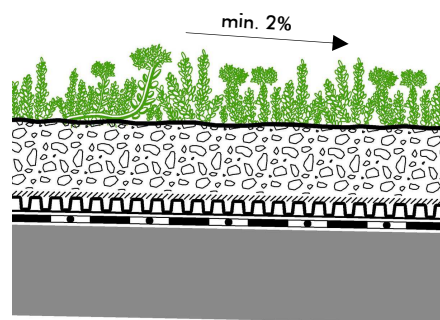
ca. 20.00 m x 1.00 m

Features

- suitable for high compressive demand
- applicable as protection for foundation walls, compatible with bitumen
- meets German Standard DIN 4095 vertically
- used on low pitched roofs as drainage layer
- compatible with humic acid
- with attached filter sheet
- efficient installation

Application Example

"Low pitched Green Roof"



Plant layer "Sedum Carpet"

System Substrate ca. 80 l/m²

Drainage Mat DBV 12

Roof construction with root resistant waterproofing

Specification Suggestion

Studded sheet made of thermoformed polyethylene with attached filter sheet of polypropylene/ polyethylene, characteristic opening size $O_{90,W}$ 150 μ m, total height ca. 12 mm, material thickness ca. 1 mm, area weight ca. 1.4 kg/m², max. load bearing capacity ca. 315 kN/m², in-plane

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

Make: ZinCo Drainage Mat DBV 12
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