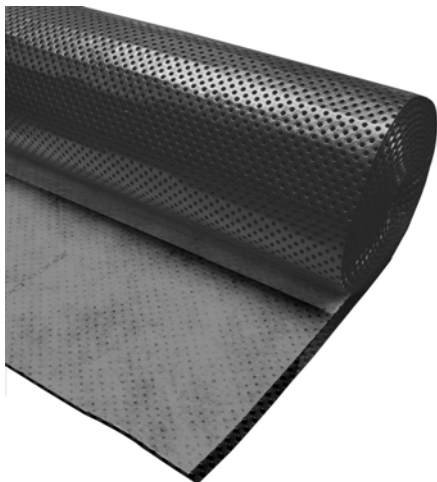


Product Data Sheet

Drainage Mat DBV 10

Order No. 3011



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



1213-CPR-4258



Technical Data

Drainage Mat DBV 10

Studded sheet made of recycled polyolefin with attached filter sheet made of polypropylene for overlapping lengthwise. Connection of single sheets lengthwise on interlocking studs.

Filter sheet:

Material:	Polypropylene
Colour:	grey
Penetration force:	ca. 1300 N
Effective opening width $O_{90,W}$:	ca. 85 μm
Flow rate (at 100 mm water column):	ca. 70 l/s·m ²
Projecting filter sheet on the side:	ca. 100 mm

Studded sheet:

Material:	RC-Polyolefin (PP/PE)
Colour:	black
Stud height:	ca. 10 mm
Number of studs:	ca. 3200/m ²

Tensile strength lengthwise/crosswise according to EN ISO 10319:

ca. 14 kN/m²

Compressive strength at 10% compression:

ca. 500 kN/m²

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

roof slope 2 %:
built in vertically:

ca. 0.4 l/(s·m)
ca. 3.5 l/(s·m)

Total height:

ca. 10 mm

Weight:

ca. 850 g/m²

Dimensions:

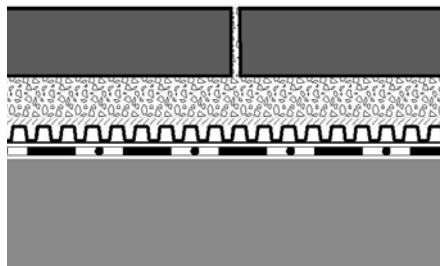
ca. 12.0 m x 1.04 m

Features

- suitable for high compressive demand
- easy connection of elements with connection studs
- with attached filter sheet
- efficient installation
- 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

Application Example

"Terrace paving on DBV 10"



Paving

Bedding layer of stone chippings

Drainage Mat DBV 10

Roof construction with root resistant waterproofing

Specification Suggestion

Studded sheet made of recycled polyolefin with attached filter sheet made of polypropylene for overlapping lengthwise. Connection of single sheets lengthwise on interlocking studs, height ca. 10 mm, characteristic opening size $O_{90,W}$ ca. 85 μm , total height ca. 10 mm, weight ca. 850 g/m², Tensile strength ca. 14 kN/m²,

max. load bearing capacity ca. 500 kN/m², in-plane water flow capacity tested according to EN ISO 12958, delivery and installation according to manufacturer's instructions.