

# PARKWAYS AND HEAVY LOAD AREAS

## PLATON MD400



High load capacity drainage membrane



- High compression strength above market standard
- Excellent drainage performance, resistant to heavy loads
- Made from premium virgin plastic
- Inspired by 50+ years of experience and expertise



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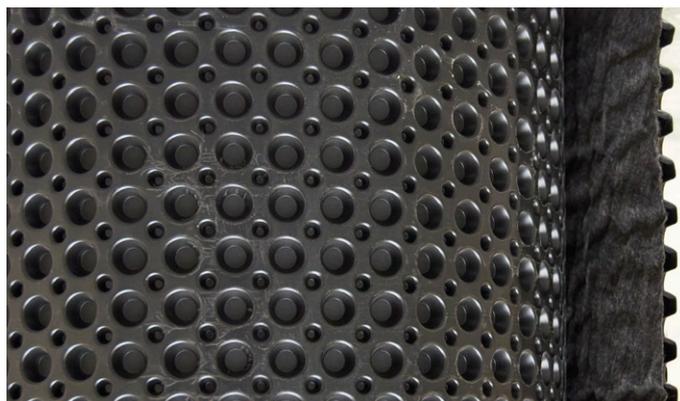
## High load capacity drainage membrane

### Product Description

Platon MD400 meets challenging demands of heavy load areas such as parking decks and fireways located above underground facilities. With 450 kPa compression strength, this product well exceeds regular market requirements.

### How It Works?

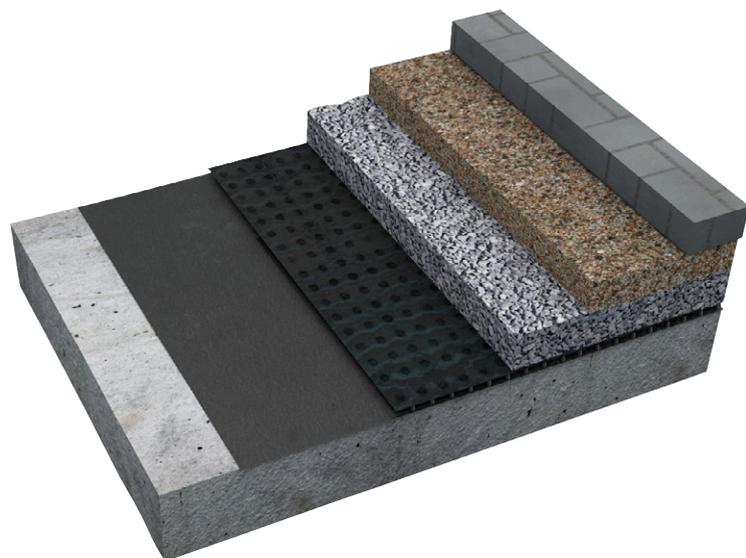
Platon MD400 is manufactured from virgin polypropylene (PP) by welding a filter fabric to the top of the studs, thereby creating a drainage layer. Although PP foil is impermeable, the filter fabric is permeable, allowing water to flow through while filtering out fine materials. 8 mm main studs and 6 mm supporting studs are formed in a regular pattern at approximately 25 mm intervals. A 5 cm wide flat flange is covered with free filter fabric along one edge of the roll to ensure proper overlap.



### Complete Program

Isola AS supplies water storage and drainage elements for all kinds of flat green roofs:

- extensive green roofs
- intensive green roofs
- parkways and heavy load areas
- terraces and roof decks

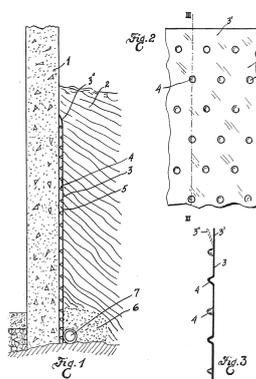


### Technical Data

Studs height:	8 mm
Weight:	785 g/sqm
Drainage capacity:	0,31 l/s*m (2% slope)
Compressive strength:	450 kPa
Raw material:	Virgin PP
Material thickness:	0,75 mm
Rolls:	2,05 x 12,50 m
Pallet:	9 rolls

### Expertise

The use of studded membrane material as a damp-proof barrier was invented in Norway more than 50 years ago by A/S Platon company. Patented in 1965, the first product appeared on the market 2 years later. The Isola factory in Notodden currently manufactures products for 3 main applications: external basement walls, floors and green roofs.



Original patent drawing from 1965



Dry and healthy buildings!



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