

## Platon DE 25

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Platon DE 25 sheets are intended to be used as a drainage layer on low-slope green roofs with an inclination of **1:10 or milder**. The sheets store irrigation water in integrated chambers linked together via overflow channels. The extensive drainage layer formed below the sheets provides high drainage for excess water. Platon DE 25 sheets discharge the stored water over a long period of time, ensuring optimal distribution of water to the roots of the vegetation.



- Stores and drains water
- Decreases the need for watering during dry periods
- Removes excess water efficiently
- Light and low structure
- Efficient protection for the waterproofing

## Technical data

<b>Manufacturer / Manufactured for</b>	Isola AS, Norway
<b>Country of origin</b>	Norway
<b>Conformity marking</b>	CE
<b>Production material</b>	HPDE
<b>Structural height</b>	23 mm
<b>Nominal thickness</b>	1 mm
<b>Dimensions</b>	1,33 x 2,22 m
<b>Nominal weight</b>	950 g/m <sup>2</sup>
<b>Colours</b>	black
<b>Water reservoir</b>	6,1 l/m <sup>2</sup>
<b>Water flow capacity</b>	9 l/ms (EN 12958)
<b>Drainage capacity</b>	1.5 l/sm between studs at 3% slope, gaps (permeability) 0.8 l/sm <sup>2</sup>
<b>Other considerations</b>	for roofs with inclination of 1:10 or milder

## Checklist

The structure below the sheet must always include waterproofing and root barrier provided by, for example, Kerabit modified bitumen membranes with a layer of Kerabit Root Prevention Membrane on top. In inverted structures, Platon DE 25 is installed on top of thermal insulation, such as XPS.