

Permeable ground  
stabilization system

**ECORASTER® S50**



## recommended for

erosion control

rainwater retention basins

dams & dykes defence paths

<b>Dimensions</b>	333 x 333 x 50 mm
<b>Wall thickness</b>	up to 2.5 mm
<b>Weight/m<sup>2</sup></b>	7.56 kg
<b>Weight/piece</b>	0.84 kg
<b>Dimensional stability</b>	-50° / +90° C

<b>Moisture absorption</b>	0.01 %
<b>Interlock</b>	36 notched connectors/m <sup>2</sup>
<b>Solubility</b>	resistant to acids, alkalis, alcohol, oil and petrol (de-icing salt, ammonia, acid rain, etc.)
<b>Max. open surface</b>	approx. 80 %
<b>Material</b>	LD-PE, recycled
<b>Loadability</b>	up to 800 t/m <sup>2</sup> (depending on fill type)
<b>Compressive strength</b>	up to 20 t point axle load (DIN 1072)
<b>UV-resistant and weather-proof</b>	DIN EN ISO 4892-2 & DIN EN 60068-2-5
<b>Environmental compatibility</b>	environmentally neutral according to OECD 202:2004
<b>Highly durable</b>	according to DIN EN 124:2011 (D400)
<b>Tensile strength</b>	> 5kN7m

## Package

<b>Standard installation unit</b>	1 layer (=12 pieces, equates 1.33 m <sup>2</sup> )
<b>Layers/pallet</b>	43
<b>Area/pallet</b>	≈ 57.33 m <sup>2</sup>
<b>Dimensions</b>	105 x 135 x 229 cm
<b>Weight/pallet</b>	approx. 392 kg (incl. plastic pallet and packaging)

### NOTE:

- a. Please note the installation instructions on our website! Subject to change without prior notice. E. & O.E.
- b. The listed details are nominal dimensions and subject to a certain tolerance due to material changes.