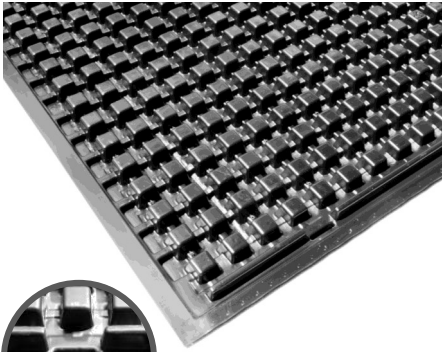


# Product Data Sheet

## Stabilodrain® SD 30

Order No. 3330



Extremely stable drainage element for use on underground car park decks under vegetation, walkways and driveways.



### Technical Data

#### Stabilodrain® SD 30

Heavy duty drainage and water storage element, made of thermoformed polystyrene, special lateral studs allow an interlocking connection of the boards. Under walkways and driveways, Stabilodrain® is installed with the studs facing upwards (see picture on the left, infill volume between the studs ca. 20 l/m<sup>2</sup>). Under vegetated roof areas, it is installed with the studs facing downwards (water storage capacity then ca. 7.5 l/m<sup>2</sup>).

Colour: dark grey  
 Height: ca. 32 mm  
 Weight: ca. 3 kg/m<sup>2</sup>

Compressive strength:  
 compression of 2%: ca. 55 kN/m<sup>2</sup>  
 compression of 10%: ca. 500 kN/m<sup>2</sup>  
 Failure at: ca. 700 kN/m<sup>2</sup>

#### In-plane water flow capacity (EN ISO 12958)

studs facing:	<u>downwards</u>	<u>upwards</u>
roof slope 1%:	ca. 0.98 l/(s·m)	ca. 0.25 l/(s·m)
roof slope 2%:	ca. 1.42 l/(s·m)	ca. 0.39 l/(s·m)
roof slope 3%:	ca. 1.78 l/(s·m)	ca. 0.49 l/(s·m)

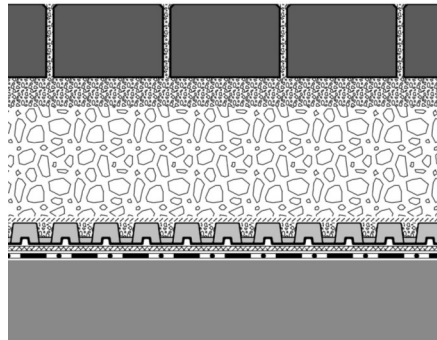
Dimensions: ca. 0.94 m x 2.00 m

### Features

- high pressure resistance
- drainage effect according to German Standard DIN 4095
- suitable on flat roofs with standing water and on inverted roofs
- easy connection of elements with special connection studs
- trafficable with wheel loaders, also without infill

### Application Example

“Driveways covering an underground car park deck”



Concrete paving  
 Bedding material  
 Gravel layer, thickness at least 150 mm  
 Filter Sheet PV  
 Stabilodrain® SD 30, infilled with chippings  
 Filter Sheet PV  
 Roof construction with root resistant waterproofing

### Specification Suggestion

Moulded drainage and water storage element, made of polystyrene, with interlocking connection studs on the long sides, height ca. 32 mm, weight ca. 3 kg/m<sup>2</sup>, ca. 500 kN/m<sup>2</sup> compressive strength at 10 % compression, water storage capacity in troughs ca. 7.5 l/m<sup>2</sup>, infill volume between troughs ca. 20 l/m<sup>2</sup>,

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

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