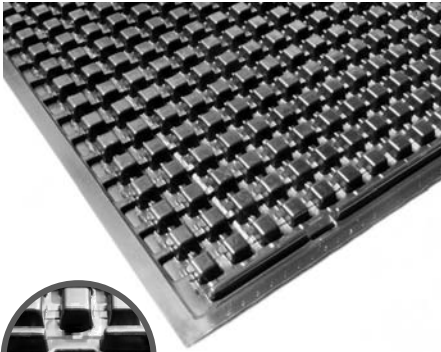


Product Data Sheet

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/m²). Under vegetated roof areas, it is installed with the studs facing downwards (water storage capacity then ca. 7.5 l/m²).

Colour: **dark grey**
 Height: **ca. 32 mm**
 Weight: **ca. 3 kg/m²**

Compressive strength:
 compression of 2%: **ca. 55 kN/m²**
 compression of 10%: **ca. 500 kN/m²**
 Failure at: **ca. 700 kN/m²**

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)

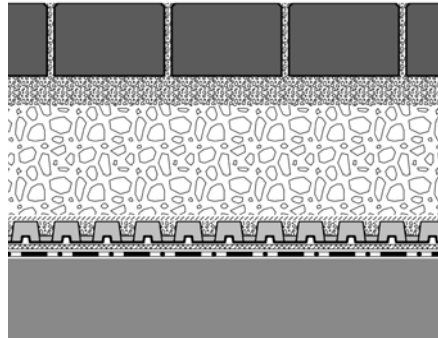
Dimensions: **ca. 0.94 m x 2.00 m**

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/m², ca. 500 kN/m² compressive strength at 10 % compression, water storage capacity in troughs ca. 7.5 l/m², infill volume between troughs ca. 20 l/m²,

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

Make: ZinCo Stabilodrain® SD 30
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