



Enviro Tech

Surface Solutions

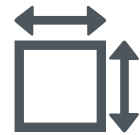
Permeable ground
reinforcement

Product overview

Icons



Dimensions



Area per pallet



Weight per 10.76 ft²



Note



Weight per piece



Wall thickness

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The permeable paver

Permeable ground reinforcement is not a fad, it is the sustainable and environmentally sound way to handle our biosphere.

Through voracious land utilization and over-exploration our soils are continuously losing their natural functions as habitats and water retention.

A growing frequency of severe flooding and an increasing quantity of heat islands are the noticeable consequences of sealing, soil compaction and building development.

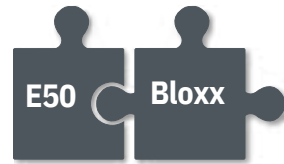
Using Enviro Tech permeable pavers provides durable heavyduty grounds, whilst keeping their natural functions.

An investment that pays out:

- generally no drainage or rain retention necessary
- reduction of construction costs
- saving of surface water charges possible
- improvement of microclimate



Bloxx



Recommended for:

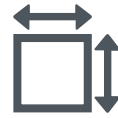
Parking lots

Disabled access

Utility spaces



33 x 33 x 5 cm
12.99 x 12.99 x 1.97 "



57,33
m²
617.09
ft²



15.48 lbs
(excl. concrete blocks)



1.72 lbs
(excl. concrete blocks)



up to 5.0 mm I 0.197 "



Bloxx

Concrete blocks

in light grey (standard), red, white and anthracite available



Granite

colors available on request



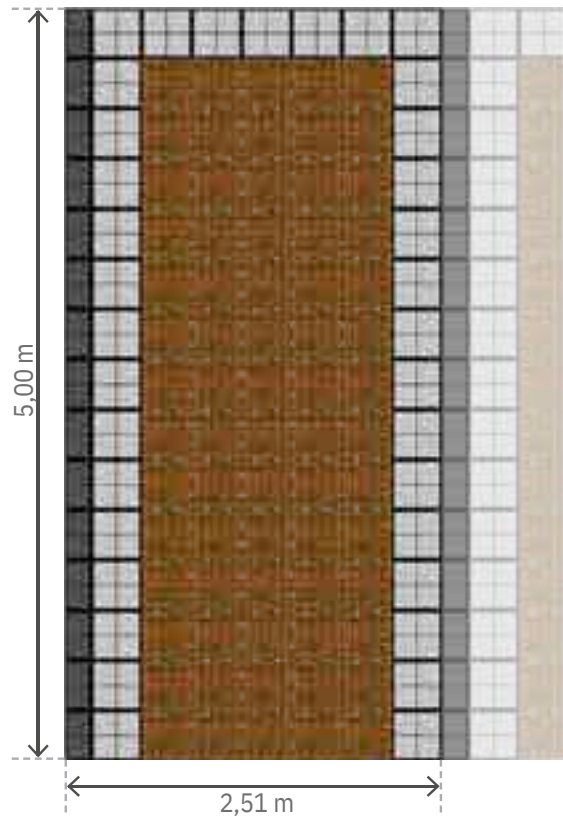
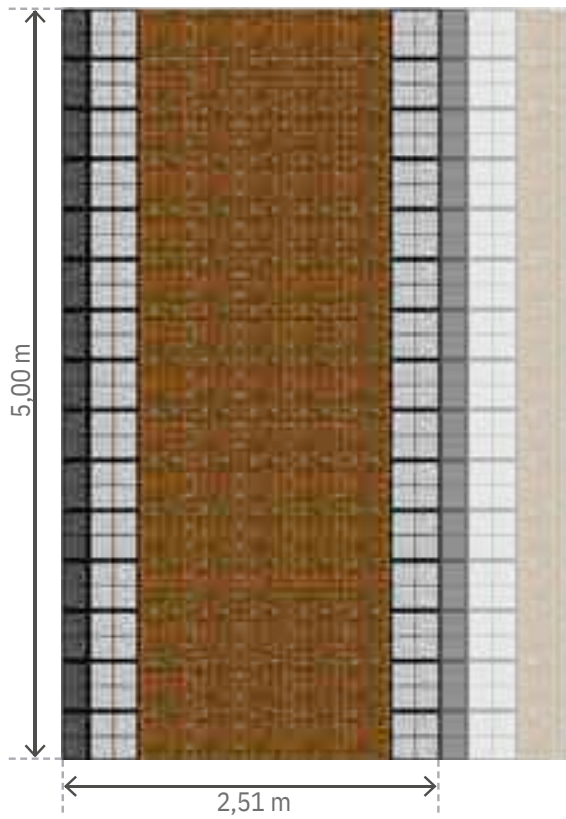
Rubber blocks

other colors available on request

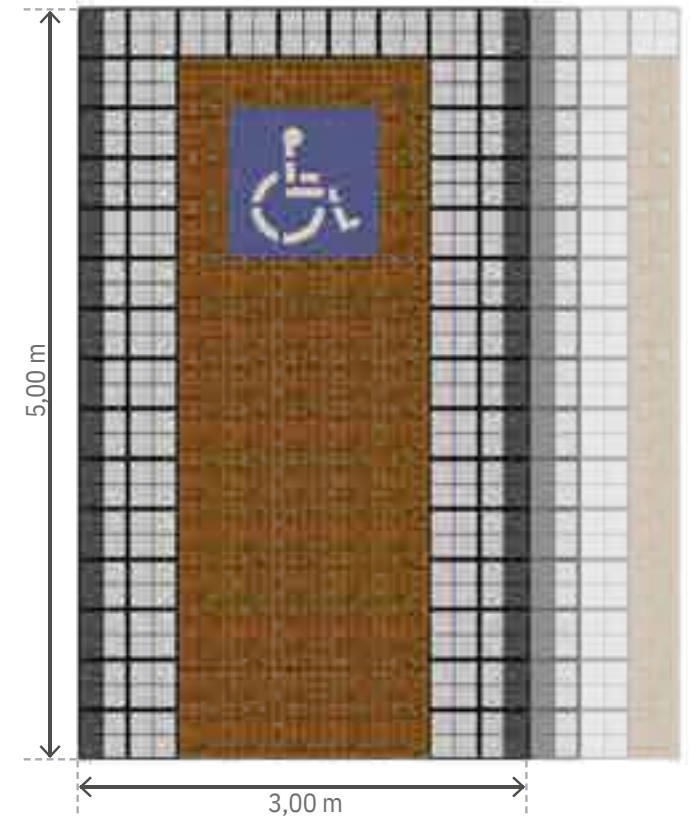
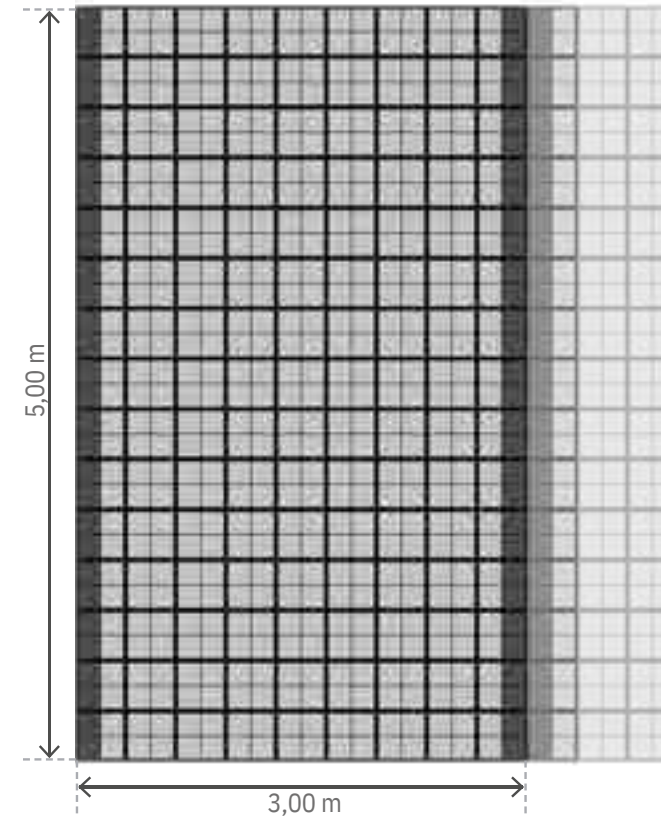


Bloxx Parking types

Size 5,00 x 2,51 m



Size 5,00 x 3,00 m

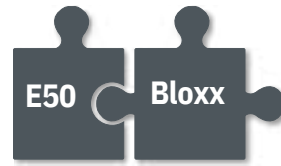


individual symbols
available

Bloxx
References



E50



Recommended for:

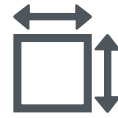
Fire access routes

Parking lots

Heavy-duty storage areas



33 x 33 x 5 cm
12.99 x 12.99 x 1.97 "



57,33
m²
617.09
ft²



8,79 kg
19.38 lbs



0,98
kg
2.16
lbs



up to 5.0 mm I 0.197 "



E40



Recommended for:

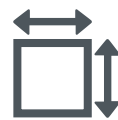
Car-parking spaces

Driveways

Camping sites



33 x 33 x 4 cm
12.99 x 12.99 x 1.57 "



74,67
m²
789.32
ft²



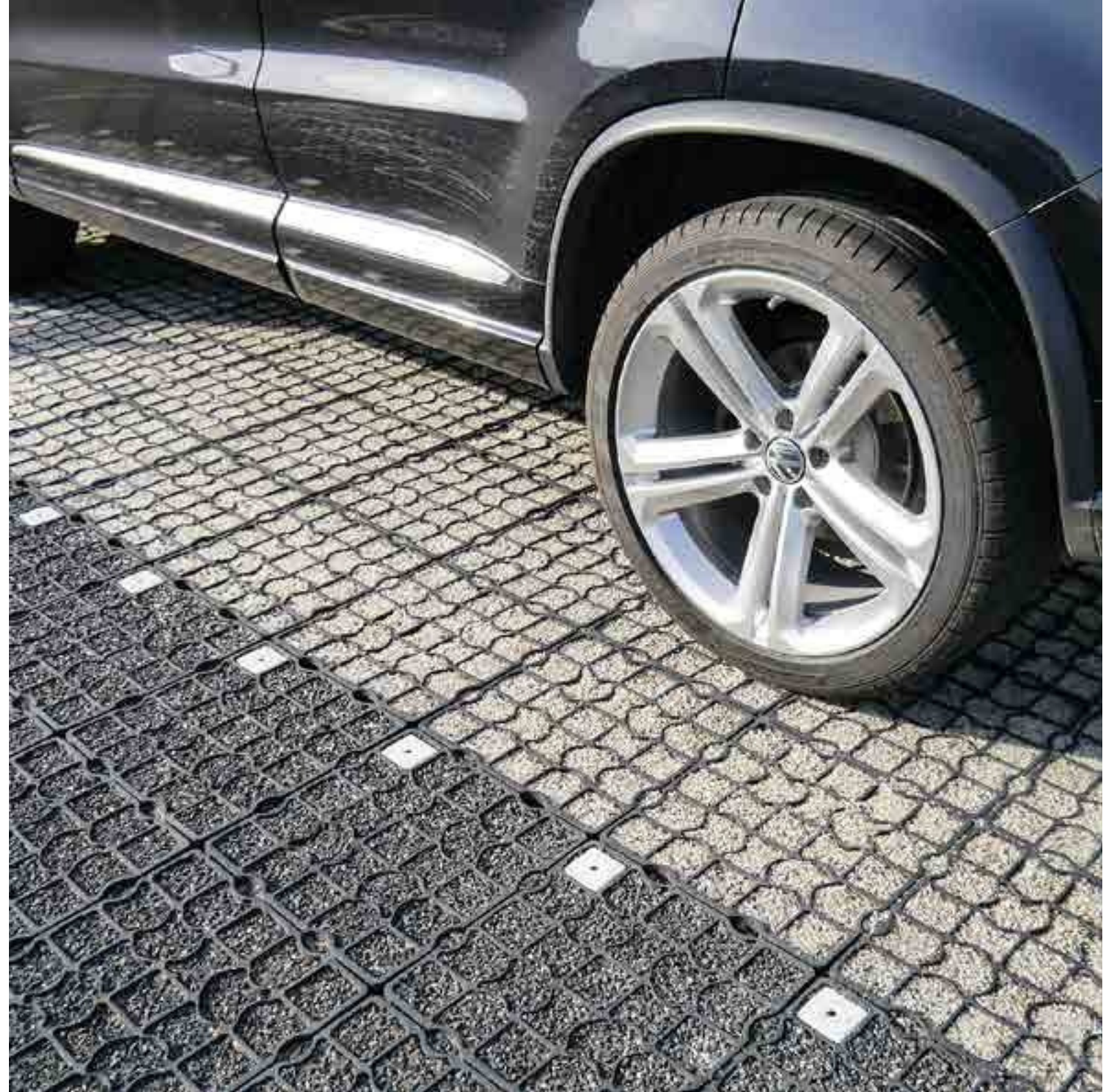
6,03 kg
13.29 lbs



0,67
kg
1.48
lbs



up to 3.6 mm I 0.14 "



S50



Recommended for:

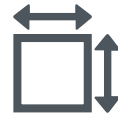
Erosion control

Rainwater retention basins

Dams & dykes defence paths



33 x 33 x 5 cm
12.99 x 12.99 x 1.97 "



57,33
m²
617.09
ft²



7,56 kg
16.67 lbs



0,84
kg
1.85
lbs



up to 2.5 mm I 0.098 "



E30



Recommended for:

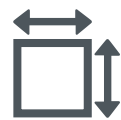
Garden paths

Garden storage

Garbage bin storage



33 x 33 x 3 cm
12.99 x 12.99 x 1.18 "



94,66 m²
1 018.91 ft²



5,13 kg
11.31 lbs



0,57 kg
1.26 lbs



up to 4.4 mm I 0.17 "



X30



Recommended for:

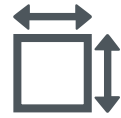
Excavation protection

Substructure for paved areas

Spacer



33 x 33 x 3 cm
12.99 x 12.99 x 1.18 "



94,66 m²
1 018.91 ft²



6,39 kg
14.09 lbs



0,71 kg
1.57 lbs



up to 5.0 mm I 0.197 "



Filling

Green

- Pre-greened
- DIY greened with SEMILIT® and seeds



Microgreen

Substrate with alpine grass and sedum

Mineral

Filling of grit / gravel / shingle (coarse)



Sedum species

robust and easy-care




References





Accessories

1/2 Bloxx
Bloxx 0.5



 18 x 33 x 5 cm
7.09 x 12.99 x 1.97 "


 1x 1.19 lbs (excl. concrete blocks)

 E50, Bloxx




1/2
0.5



 18 x 33 x 5 cm
7.09 x 12.99 x 1.97 "


 1x 0,54 kg
1.19 lbs


 suitable for:
E50, Bloxx




Curve element




 32 x 5,4 x 4 I 5 cm
12.60 x 2.13 x 1.58 I 1.97 "


 1x 0,19 kg I 0,23 kg
0.42 lbs I 0.51 lbs

 suitable for:
E50, E40, S50, Bloxx



 5,6 x 5,6 cm
2.2 x 2.2 "

 1x 0,017 kg I 0,02 kg
0.037 lbs I 0.044 lbs

 suitable for:
E40 I E50 , S50

8 x 8 cm
3.15 x 3.15 "

0,06 kg I 0,07 kg
0.13 lbs I 0.15 lbs


suitable for:
E40 I E50 , S50





Marker parking space

Ground spikes



 60 cm I 80 cm I 100 cm
23.62 " | 31.50 " | 39.37 "


 1x 0,68 kg | 0,85 kg | 1,85 kg
1.5 lbs | 1.87 lbs | 4.08 lbs

 construction steel, galvanized



Universal angle 180°



 33 x 12 x 4 cm 12.99
x 4.72 x 1.57 "

 1x 0,49 kg
1.08 lbs

suitable for:
E50, E40, S50, Bloxx



Übersicht Overview

| Type | Bloxx | E50 | E40 | S50 | E30 | X30 |
|----------------------------------|---|--|--|---|---|---|
| Recommended use | Parking lots Disabled access Utility spaces | Fire access routes Parking lots Heavy-duty storage areas | Car-parking spaces Driveways Camping sites | Erosion control Rainwater retention basins Dams & dykes defence paths | Garden paths Garden storage Garbage bin storage | Excavation protection Substructure for paved areas Spacer |
| Dimensions | 33 x 33 x 5 cm 12.99 x 12.99 x 1.97" | 33 x 33 x 5 cm 12.99 x 12.99 x 1.97" | 33 x 33 x 4 cm 12.99 x 12.99 x 1.57" | 33 x 33 x 5 cm 12.99 x 12.99 x 1.97" | 33 x 33 x 3 cm 12.99 x 12.99 x 1.18" | 33 x 33 x 3 cm 12.99 x 12.99 x 1.18" |
| Weight per piece | 0,78 kg 1.72 lbs | 0,98 kg 2.16 lbs | 0,67 kg 1.48 lbs | 0,84 kg 1.85 lbs | 0,57 kg 1.26 lbs | 0,71 kg 1.57 lbs |
| Weight per 10.76 ft ² | 7,02 kg 15.48 lbs | 8,79 kg 19.38 lbs | 6,03 kg 13.29 lbs | 7,56 kg 16.67 lbs | 5,13 kg 11.31 lbs | 6,39 kg 14.09 lbs |
| Wall thickness | bis zu 5,0 mm up to 5.0 mm I 0.197" | bis zu 5,0 mm up to 5.0 mm I 0.197" | bis zu 3,6 mm up to 3.6 mm I 0.14" | bis zu 2,5 mm up to 2.5 mm I 0.098" | bis zu 4,4 mm up to 4.4 mm I 0.17" | bis zu 5,0 mm up to 5.0 mm I 0.197" |
| Area per pallet | 57,33 m ² 617.09 ft ² | 57,33 m ² 617.09 ft ² | 74,67 m ² 789.32 ft ² | 57,33 m ² 617.09 ft ² | 94,66 m ² 1 018.91 ft ² | 94,66 m ² 1 018.91 ft ² |

Highly durable
according to DIN EN 124:2011 (D400)

Compressive strength
up to 20 t point axle load
(DIN 1072)

Interlock
36 notches per m²

Max. open surface
ca. I approx. 80 %

Material
LD-PE, recycled

UV-resistant and weatherproof
DIN EN ISO 48922 & DIN EN 6006825



Solubility
resistant to acids, alkalis, alcohol, oil
and petrol (de-icing salt, ammonia,
acid rain, etc.)

Dimensional stability
-50° / 90° C
-58° / 194° F

Moisture absorption
0,01 %

Loadability
up to 800 t/m² (depending on fill type)

Environmentally neutral
OECD 202:2004



NOTE:

- Please note the installation instructions on our website! Subject to change without prior notice. E. & O.E.
- The listed details are nominal dimensions and subject to a certain tolerance due to material changes
- Bloxx is inter alia protected by German Utility Model 201014106285, Polish Utility Model W.124709; US Patent 10094073, European Patent Application 3237682 and further applications outside of Europe.

Made in Germany – used worldwide.

