



Ground reinforcement system

ECORASTER[®] S50

Technical Data
Product features

ECORASTER® S50 - The super-elastic grid

The universal ground reinforcement system.

Weight per sq m
6.84
kg

Wall height
2
in

Laying time
100
sq m/h



Technical specifications

Dimensions	13 in x 13 in x 2 in
Wall thickness	0,1 in
Carrying load	Up to 120 t per sq m (unfilled)
Weight per sq m	6,84 kg
Weight per unit	0,76 kg
Wall height	2 in
Material	100% recycled PE (polyethylene)
Pressure resistance	Up to 20 t axle load in acc. with DIN 1072
Dimensional stability	Temperature range -50° to +90°
Deformation	0.5% (at normal temperatures +20 to +80 °)
Moisture absorption	0.01%
Solubility	Resistant to acids, alkalis, alcohols, oil and petrol (de-icing salt, ammonia, acid rain, etc.)

Certificates

TÜV	unlimited lifespan
DIN 1072	Carrying load up to 20 t axle load
DIN 38412	Environmentally neutral
DIN 1072	Road and footbridges
DIN EN ISO 124	B125 requirements for coverings on car parking areas

Delivery units

Packaging unit	1 layer (= 12 pieces = 1,33 sq m)
Layer per pallet	43
Sq m per Pallet	57,19 sq m
Pieces per pallet	516
Dimensions	41,3 in x 53,1 in x 90,2 in
Weight per pallet	398 kg (incl. Pallet)

Suitable for

Gardening and landscaping

Town and village squares, Parks, Footpaths and cycle lanes, Pond and riverbank reinforcement, Stabilisation of slopes and embankments, Parking areas, Lay-bys, Entrances and exits, Railways and tramway construction, Erosion protection, Rainwater retention, Golf, Camping, Aviation, Temporary surfaces, Open-air events, Shooting ranges