



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 10 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