



# Ground reinforcement system

## ECOGRID<sup>®</sup> S50

Technical Data  
Product features



# ECOGRID® S50 - The super-elastic grid

The universal ground reinforcement system.



Weight per sq m	Wall height	Laying time
<b>6.84</b> kg	<b>50</b> mm	<b>100</b> sq m/h

## Technical specifications

Dimensions	330 x 330 x 50mm
Wall thickness	2.5mm
Carrying load	Up to 250 t per sq m (filled)
Weight per sq m	6,84 kg
Weight per unit	0,76 kg
Wall height	50mm
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.)

## Delivery units

Packaging unit	1 layer (= 12 pieces = 1,33 sq m)
Layer per pallet	43 Direct - 41 UK
Sq m per Pallet	57.33 sq m Directly - 54.66 sq m UK Haulage
Pieces per pallet	516 Direct - 492 UK
Dimensions	105 x 135 x 229cm
Weight per pallet	398 kg (incl. Pallet)

## 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

## Suitable for

Equestrian, horse arenas, paddocks, 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

