



Ground reinforcement system

ECORASTER® E50

Technical Data
Product features

ECORASTER® E50 - The indestructible grid

The perfect solution for heavy-duty gardening and landscaping.

Weight
per sq m
9.55
kg

Wall height
2
in

Laying
time
100
sq m/h



Technical specifications

Dimensions	13 in x 13 in x 2 in
Wall thickness	0,2 in
Carrying load	Up to 350 t per sq m (unfilled)
Weight per sq m	9.55 kg
Weight per unit	1.06 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.)

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	560 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

Gardening and landscaping

Trade fair flooring, Loading areas, Logistics surfaces, Storage areas and landfills, Open-air events, Temporary surfaces, Aviation, Camping, Golf, Rainwater retention, Erosion protection, Railway and tramway construction, Entrances and exits, Lay-bys, Roundabouts, Traffic islands, Soft shoulders, Escape routes, Emergency access routes, Parking areas, Construction site access roads, Stabilisation of slopes and embankments, Pond and riverbank reinforcement, Footpaths and cycle lanes, Parks, Town and village squares