



Ground reinforcement system

ECORASTER® E50

Technical Data
Product features

ECORASTER® E50 - The indestructible grid

The perfect solution for heavy-duty construction and landscaping

Weight per sq m	Wall height	Laying time
1.95 lbs	2 in	1000 sq ft/ h



Technical specifications

Dimensions	13 in x 13 in x 2 in
Wall thickness	0.2 in
Carrying load	Exceeds H20 and HL93 (fill/base dependent)
Weight per sq ft	1.95 lbs
Weight per unit	2.33 lbs
Wall height	2 in
Material	100% recycled LDPE
Pressure resistance	Up to 20 t axle load in acc. with DIN 1072
Dimensional stability	Temperature range -58°F to +194°F
Deformation	0.5% at normal temperatures 68°F to +176°F
Moisture absorption	0.01%
Solubility	Resistant to acids, alkalis, alcohols, oil, diesel, gasoline, (de-icing salt, ammonia, acid rain, etc.)

Delivery units

Packaging unit	1 layer (= 12 pieces = 14.08 sq ft)
Layer per pallet	43
Sq ft per Pallet	605 sq ft
Pieces per pallet	516
Dimensions	41.3 in x 53.1 in x 90.2 in
Weight per pallet	1,232 lbs (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

Heavy construction and landscaping

Parking lots and driveways with snow conditions
Emergency and fire access lanes
Outdoor warehousing and logistic areas
Soft shoulder reinforcement
Streetcar track fill reinforcement
Roads
Oil and mining applications
Shooting ranges
Military applications
Erosion control
Runway extensions and taxiways
Helicopter landing pads
Grass parking pads
Paddocks, round pens and equine exercisers