



Ground reinforcement system



E50

Technical Data
Product features

E50 -The indestructible grid



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	2in
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
Layer per pallet	ft) 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

TOV	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	Bl 25 requirements for coverings on car parking areas

Suitable for

Heavy construction and landscaping

Parking lots and driveways
 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