



Ground reinforcement system

ECORASTER[®] S50

Technical Data
Product features

ECORASTER® S50 - The super-elastic grid

The flexible ground reinforcement solution for greened surfaces



Weight per sq ft 1.34 lbs	Wall height 2 in	Laying time 1000 sq ft/ h
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Technical specifications

Dimensions	13 in x 13 in x 2 in
Wall thickness	0.1 in
Carrying load	Exceeds H20 and HL93 (fill/base dependent)
Weight per sq ft	1.34
Weight per unit	1.6 lbs
Wall height	2 in
Material	100% recycled LDPE
Pressure resistance	Up to 10 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.)

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

Construction and landscaping

Erosion control
Professional equestrian riding arenas
Western riding arenas

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	876 lbs (incl. pallet)

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