



# Ground reinforcement system



S50

Technical Data  
Product features

# S50 -The super-elastic grid

The flexible ground reinforcement solution for greened surfaces



## 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

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	BI 25 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)