

Product Comparison Datasheet – ECO-TERR Soil Stabilization & Ground Reinforcement Grid Systems

Model :	StabiliGrid & HoofGrid HD		StabiliGrid-S50		StabiliGrid-40 & HoofGrid-40		HomeGrid & HoofGrid (std)	
	British	Metric	British	Metric	British	Metric	British	Metric
Dimensions of individual Pieces	13.1233in W 13.1233in L 1.9685in H	33x33 cm X 5 cm HT	13.1233in W 13.1233in L 1.9685in H	33x33 cm X 5 cm HT	13.1233in W 13.1233in L 1.575in H	33x33 cm X 4 cm HT	13.1233in W 13.1233in L 1.1811in H	33x33 cm X 3 cm HT
Wall thickness	0.197in thick	5 mm	0.0984in	2,5 mm	0.14173in	3,6 mm	0.197in	5 mm
* Certified/axle Vehicular LOAD	22.45 US Tons per AXLE	20 tonnes per AXLE	22.45 US Tons per AXLE	20 tonnes per AXLE	22.45 US Tons per AXLE	20 tonnes per AXLE	22.45 US Tons per AXLE	20 tonnes per AXLE
* DIN Standards	Vehicular LOAD capacity, Public Roadways & Bridges: DIN 1072 Public parking, warehouse & loading: DIN EN ISO 124 (B125)							
*Compressive STR	35.843 Tons/ft ²	350 MT/m ²	12.289 Tons/ft ²	120 MT/m ²	12.289 Tons/ft ²	120 MT/m ²	25 US tons/ft ²	250 MT/m ²
Material	100 % Recycled material (PE) 100% Post-consumer content 100% Recyclable							
Stability of Shape	Temperature Range: - 58° TO +194° Fahrenheit -50 up to +90° Centigrade							
H ₂ O absorption	0.01% / mass							
Environmental comparability REF: DIN 38412	Multiple certifications under German EPA/EPO, LGA and DIN standards, TÜV-certified compliance using the highest standards of laboratory testing: ecologically compatible, ground water neutral, non-toxic to animals, plants and micro-organisms. Does not decay into toxic or noxious materials. Also: weatherproof, UV-Stabilized, fracture-resistant, etc.							
Solubility	Chemically and biologically inert: resistant to acids and leaching compounds (salts including marine salts, ammonia and Urea, acid rain etc.) as well as against alcohol or similar solvents, and petroleum distillates.							
Installation	1,076 sq ft/man-hour 100 m² per person per hour							
	Packed on plastic pallets: 47.244 x 39.37 inches 120 x 100 cm							
Weight/piece	2.674 lbs/pc	1,213 kg	1.676 lbs/pc	0,760 kg	1.279 lbs/pc	0,580 kg	1.268 lbs/pc	0,575 kg
Weight/layer	32.09 lbs /12-pc layer	14.56kg/m ²	20.107 lbs / 12-pc layer	9.12 kg	15.344 lbs. /12-pc layer	6.96 kg	15.212 lbs. /12-pc layer	6.90 kg
Pieces/Area	0.836128 pc/ft ² 1.19599 ft ² /pc	9 pcs/m ²	0.836128 pc/ft ² 1.19599 ft ² /pc	9 pcs/m ²	0.836128 pc/ft ² 1.19599 ft ² /pc	9 pcs/m ²	0.836128 pc/ft ² 1.19599 ft ² /pc	9 pcs/m ²
Pieces/layer	12 pcs./layer = 14.3519 ft ²	12 pcs /1,33 m ²	12 pcs./layer = 14.3519 ft ²	12 pcs /1,33 m ²	12 pcs./layer = 14.3519 ft ²	12 pcs /1,33 m ²	12 pcs./layer = 14.3519 ft ²	12 pcs /1,33 m ²
Layers/pallet	43	43	43	43	55	55	71	71
Pieces/pallet	516 pcs	516 pcs	516 pcs	516 pcs	660 pcs	660 pcs	852 pcs	852 pcs
Pieces/truck	10,320 pcs /20 pallets	10320 pcs	10,320 pcs /20 pallets	10,320 pcs	13,200 pcs /20 pallets	14,520 pcs	17,040 pcs /20 pallets	17,040 pcs
area/pallet	615.59 ft ²	57,19 m ²	615.59 ft ²	57,19 m ²	785.76 ft ²	73,15 m ²	1018.98 ft ²	94,43 m ²
Pallets /container	20 pallets / 40-foot Hi-Cube shipping container							
area/ container	12,311.76 ft ²	1143,80 m ²	12,311.76 ft ²	1143,80 m ²	15,715.20	1463 m ²	20,379.60	1888.6 m ²
Loaded Pallet Dimensions	42x53x90in	105x135cm x229 cm HT	42x53x90in	105x135cm x229 cm HT	42x53x90in	105x135cm x229 cm HT	42x53x90in	105x135cm x229 cm HT
Plastic pallet Dimensions	6"HT 16.2 lbs.	H=15 cm 7,35 kg	6"HT 16.2 lbs..	H=15 cm 7,35 kg	6"HT 16.2 lbs.	H=15 cm 7,35 kg	6"HT 16.2 lbs.	H=15 cm 7,35 kg
Loaded Pallet Gross weight	1393.32 lbs.	632 kg	877.44 lbs.	398 kg	826.73 lbs.	375 kg	1102.31 lbs.	500 kg
Container Gross weight	27,866 lbs 13.93 Tons	12640 kg 12.64 MT	19,334 lbs 9.667 Tons	7960 kg 7.96 MT	app. 16,535 lbs. 8.27 Tons	7500 kg	app. 22,046 lbs. 11.023 Tons	10000 kg 10 MT
Model :	StabiliGrid & HoofGrid HD		StabiliGrid-S50		StabiliGrid-40 & HoofGrid-40		HomeGrid/HoofGrid	

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