

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

**VersiGrid™ product**

<i>Model :</i>	<u><b>L/D1.0 grade</b></u>		<u><b>M/D1.5 grade</b></u>		<u><b>H/D2.0 grade</b></u>			
Measurement	SAE/US	Metric	SAE/US	Metric	SAE/US	Metric		
Dimensions of individual Pieces	12 x 12 in. x 1.0 in.	30.48 x 30.48 X 2.54 cm	12 x 12 in. x 1.5 in.	30.48 x 30.48 X 3.81 cm	12 x 12 in. x 2 in.	30.48 x 30.48 X 5.08 cm		
Cell Wall thickness (i/o)	.15/ .20 in.	3.81/ 5.08 mm	.15 / .20 in.	3.81 / 5.08 mm	.20 / .251	5.08 / 6.38 mm		
weight/axle Vehicular LOAD	<25 US Tons <b>per AXLE</b>	<22.7 mt per AXLE	<25 US Tons <b>per AXLE</b>	<22.7 mt per AXLE	<35 US Tons <b>per AXLE</b>	<31.75 mt per AXLE		
*Compressive STR	<12.3 Tons/ft <sup>2</sup>	<120 mt/m <sup>2</sup>	<12.3 Tons/ft <sup>2</sup>	<120 mt/m <sup>2</sup>	< 35 Tons/ft <sup>2</sup>	<350 mt/m <sup>2</sup>		
Material	<b>100 % Recycled plastic material 100% Post consumer and/or post production    Recyclable and re-usable</b>							
Stability of Shape	<b>Temperature Range: - 58° TO +194° Fahrenheit   -50 up to +90° Centigrade</b>							
H <sub>2</sub> O absorption	<b>0.01% / mass</b>							
Environmental comparability	<b>Ecologically compatible, ground water neutral, non-toxic to plants and micro-organisms. Does not decay into toxic or noxious materials. weatherproof, UV-Stabilized, fracture-resistant</b>							
Solubility	<b>Chemically and biologically inert: resistant to acids and compounds (salts including marine salts, ammonia and Urea, acid rain etc.) Alcohol or similar solvents, and petroleum distillates.</b>							
Installation	<b>1,000 ft<sup>2</sup> / man-hour avg.    100 m<sup>2</sup> per person per hour average</b>							
	<b><u>Packaging &amp; Shipping:</u></b>							
Weight/piece	1.0 lbs	.45 kg	1.3 lbs	.59 kg	2.3 lbs	.96 kg		
Weight/layer	12.0 lbs	5.44 kg	15.6 lbs	7.08 kg	27.6 lbs	11.49 kg		
Pieces/Area	1 pc/ft <sup>2</sup>	10.76 pcs/m <sup>2</sup>	1 pc/ft <sup>2</sup>	10.76 pcs/m <sup>2</sup>	1 pc/ft <sup>2</sup>	10.76 pcs/m <sup>2</sup>		
Pieces/layer	12 pcs/layer	12 pcs/layer	12 pcs/layer	12 pcs/layer	12 pcs/layer	12 pcs/layer		
Layers/pallet	90	90	60	60	45	45		
Pieces/pallet	1080 pcs	1080 pcs	720 pcs	720 pcs	540 pcs	540 pcs		
Pieces/truck	Varies	Varies	Varies	Varies	Varies	Varies		
area/pallet	1080 ft <sup>2</sup>	100.34 m <sup>2</sup>	720 ft <sup>2</sup>	66.89 m <sup>2</sup>	540 ft <sup>2</sup>	50.17 m <sup>2</sup>		
Pallets / truckload	<b>Varies per carrier, typically 20 pallets or more    export: 20 pallets+ per 40-foot Hi-Cube shipping container</b>							
area/ container	21,600 ft <sup>2</sup>	2007 m <sup>2</sup>	14,400 ft <sup>2</sup>	1338 m <sup>2</sup>	10,800 ft <sup>2</sup>	1003 m <sup>2</sup>		
Loaded Pallet Dimensions	37 x 49 x 96 in. Incl pallet	93.98 x 124.46 X 243.84 cm	37 x 49 x 96 in. Incl pallet	93.98 x 124.46 X 243.84 cm	37 x 49 x 96 in. Incl pallet	93.98 x 124.46 X 243.84 cm		
pallet height	4.5"	11.43 cm	4.5"	11.43 cm	4.5"	11.43 cm		
Loaded Pallet Gross weight	1100 lbs.	499 kg	1050 lbs.	476 kg	1275 lbs.	578 kg		
<b>Model :</b>	<b>L/D1.0 grade</b>		<b>M/D1.5 grade</b>		<b>H/D2.0 grade</b>			

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