


*Product Comparison Datasheet – VersiGrid™ Soil Stabilization, Mud Management, & Ground Reinforcement Grid System*

**VerSiGrid™ product**

Model :	<u>L/D1.0 grade</u>		<u>M/D1.5 grade</u>		<u>H/D2.0 grade</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>Packaging &amp; Shipping:</b>							
Weight/piece	1.0 lbs	.45 kg	1.5 lbs	.68 kg	2.5 lbs	1.13 kg	
Weight/layer	12.0 lbs	5.44 kg	18 lbs	8.16 kg	30 lbs	13.61 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	1080 lbs.	490 kg	1350 lbs.	612 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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