

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 per AXLE	>22.7 mt per AXLE	>25 US Tons per AXLE	>22.7 mt per AXLE	>35 US Tons per AXLE	>31.75 mt per AXLE	
*Compressive STR	>12.3 Tons/ft ²	>120 mt/m ²	>12.3 Tons/ft ²	>120 mt/m ²	> 35 Tons/ft ²	>350 mt/m ²	
Material	100 % Recycled plastic material 100% Post-consumer and/or post-production Recyclable and re-usable						
Stability of Shape	Temperature Range: - 58° TO +194° Fahrenheit -50 up to +90° Centigrade						
H ₂ O absorption	0.01% / mass						
Environmental comparability	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						
Solubility	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.						
Installation	1,000 ft² / man-hour average 100 m² per person per hour average						
	<u>Packaging & Shipping:</u>						
Weight/piece	1.0 lbs	.45 kg	1.5 lbs	.68 kg	2 lbs	.91 kg	
Weight/layer	12.0 lbs	5.44 kg	18 lbs	8.16 kg	24 lbs	10.92 kg	
Pieces/Area	1 pc/ft ²	10.76 pcs/m ²	1 pc/ft ²	10.76 pcs/m ²	1 pc/ft ²	10.76 pcs/m ²	Weights and dim's are average
Pieces/layer	12 pcs/layer	12 pcs/layer	12 pcs/layer	12 pcs/layer	12 pcs/layer	12 pcs/layer	And may vary slightly
Layers/pallet	88	88	58	58	44	44	
Pieces/pallet	pcs	pcs	pcs	pcs	pcs	pcs	
Pieces/truck	Varies	Varies	Varies	Varies	Varies	Varies	
area/pallet	1056 ft ²	98.11 m ²	696 ft ²	64.66 m ²	528 ft ²	49.05 m ²	
Pallets / truckload	Varies per carrier, typically 20 pallets or more export: 20 pallets+ per 40-foot Hi-Cube container						
area/ container	21,120 ft ²	1962.11m ²	13,920 ft ²	1293.21 m ²	10,560 ft ²	981.05 m ²	
Loaded Pallet Dimensions	37 x 49 x 95 in. Incl pallet	93.98 x 124.46 X 241.30 cm	37 x 49 x 95 in. Incl pallet	93.98 x 124.46 X 241.30 cm	37 x 49 x 95 in. Incl pallet	93.98 x 124.46 X 241.30 cm	
pallet height	5"	12.7 cm	5"	12.7 cm	5"	12.7 cm	
Loaded Pallet Gross weight	1050 lbs.	476.27 kg	1050 lbs.	476.27 kg	1150 lbs.	521.63 kg	
Model :	L/D1.0 grade		M/D1.5 grade		H/D2.0 grade		