

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

| Model : | StabiliGrid™ M/D1.5 | | StabiliGrid™ H/D2.0 | | HoofGrid™ M/D1.5 | | HoofGrid™ H/D2.0 | |
|----------------------------------|---|----------------------------|------------------------------|----------------------------|------------------------------|----------------------------|------------------------------|----------------------------|
| Measurement | <i>British</i> | <i>Metric</i> | <i>British</i> | <i>Metric</i> | <i>British</i> | <i>Metric</i> | <i>British</i> | <i>Metric</i> |
| Dimensions of individual Pieces | 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 | 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) | .150 / .20 in. | 3.81 / 5.08 mm | .251 / .251 | 6.38 / 6.38 mm | .150 / .20 in. | 3.81 / 5.08 mm | .251 / .251 | 6.38 / 6.38 mm |
| weight/axle Vehicular LOAD | <25 US Tons per AXLE | <22.7 per AXLE | <35 US Tons per AXLE | <31.75 mt per AXLE | <25 US Tons per AXLE | <22.7 per AXLE | <35 US Tons per AXLE | <31.75 mt per AXLE |
| *Compressive STR | <12.3 Tons/ft² | <120 mt/m² | < 35 Tons/ft² | <341 mt/m² | <12.3 Tons/ft² | <120 mt/m² | < 35 Tons/ft² | <341 mt/m² |
| 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 | 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 avg. // 100 m² per person per hour | | | | | | | |
| Packaging & Shipping: | | | | | | | | |
| Weight/piece | lbs | kg | lbs | kg | lbs | kg | lbs | kg |
| Weight/layer | lbs | kg | lbs | kg | lbs | kg | lbs | kg |
| Pieces/Area | 1 pc/ft² | 10.76 pcs/m² | 1 pc/ft² | 10.76 pcs/m² | 1 pc/ft² | 10.76 pcs/m² | 1 pc/ft² | 10.76 pcs/m² |
| Pieces/layer | 12 pcs /layer | 12 pcs/layer | 12 pcs/layer | 12 pcs/layer | 12 pcs./layer | 12 pcs/layer | 12 pcs/layer | 12 pcs/layer |
| Layers/pallet | 60 | 60 | 45 | 45 | 60 | 60 | 45 | 45 |
| Pieces/pallet | 720 pcs | 720 pcs | 540 pcs | 540 pcs | 720 pcs | 720 pcs | 540 pcs | 540 pcs |
| Pieces/truck | Varies | Varies | Varies | Varies | Varies | Varies | Varies | Varies |
| area/pallet | 720 ft² | 66.89 m² | 540 ft² | 50.17 m² | 720 ft² | 66.89 m² | 540 ft² | 50.17 m² |
| Pallets / truckload | Varies per carrier, typically 20 pallets or more // export: 20 pallets per 40-foot Hi-Cube shipping container | | | | | | | |
| area/ container | 14,400 ft² | 1337.80 m² | 10800 ft² | 1003.35 m² | 14,400 ft² | 1337.80 m² | 10800 ft² | 1003.35 m² |
| 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 | 37 x 49 x 96 in. Incl pallet | 93.98 x 124.46 X 243.84 cm |
| pallet height | 6" | 15 cm | 6" | 15 cm | 6" | 15 cm | 6" | 15 cm |
| Loaded Pallet Gross weight | lbs. | kg | lbs. | kg | lbs. | kg | lbs. | kg |
| Model : | StabiliGrid™ M/D1.5 | | StabiliGrid™ H/D2.0 | | HoofGrid™ M/D1.5 | | HoofGrid™ H/D2.0 | |

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