

Heavy Duty Ground Grids

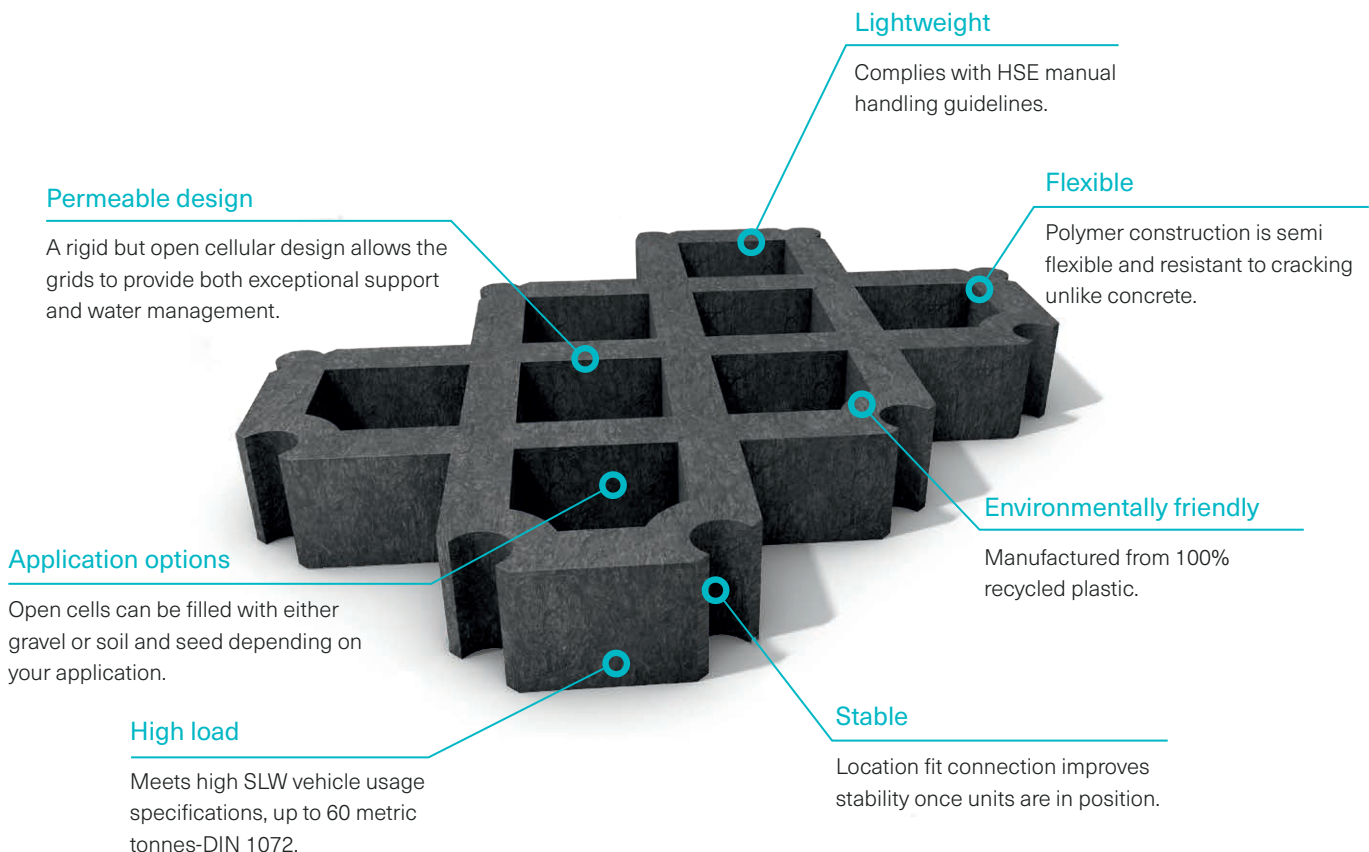
The interlocking solution for truck parking, rest areas & access routes

Specifications

Length	23 ⁵ / ₈ "
Width	15 ³ / ₄ "
Height	3 ¹ / ₈ "
Weight/piece	19.84 lbs
Coverage	2.58 ft ²
Quantity/pallet	135 pieces
Area/pallet	348 ft ²
Material	100% recycled plastic
Color	Gray

Key facts

- High compressive strength
- Flexible and resistant to cracking
- Harmless to flora and fauna
- Meet SLW60 loading category (vehicle up to 60 metric tonnes / 66 tons gross weight)
- Within NIOSH manual handling guidelines



hanit 3 material test data

Testing	Standard DIN EN ISO	Result		
3 point bend	178	Flexural stress	-5°C	27.4 MPa
		Bending e-modulus		1,739 MPa
		Flexural stress	23°C	15.2 MPa
		Bending e-modulus		890 MPa
		Flexural stress	65°C	6.3 MPa
		Bending e-modulus		262 MPa
Tensile	527-2	Strength		9.36 MPa
		Tensile e-modulus		957 MPa
		Elongation		3.7%
Timed tensile	899-1	Tensile e-modulus	1 hour	455 MPa
			100 hours	279 MPa
Timed 3 point bend	899-2	Bending e-modulus	1 hour	595 MPa
			24 hour	439 MPa
			100 hours	367 MPa
Pressure characteristics	604	Compression strength	1% stretch	1.5 MPa
			2% stretch	3.0 MPa
			10% stretch	13.4 MPa
			20% stretch	18.6 MPa
		Pressure e-modulus		262 MPa
Charpy test	179	Impact resistance		28 kJ/m²
Impact shore hardness	868	Shore hardness		54
Density test	1183-1	Density		0.9896 g/cm³
Water absorption	62	23°C,50%r.L.		<1%
		23°C in water		<1%
		100°C in water		<1%
Resistance	60093 ⁴	Surface resistance		3.0 x 10 ¹² Ω
		Specific surface resistance		3.0 x 10 ¹³ Ω
		Flow/contact resistance		7.0 x 10 ¹³ Ω
		Specific flow/contact resistance		3.5 x 10 ¹⁴ Ω
Ball striking test	2039-1	Ball striking hardness		20.71 N/mm²
Thermal expansion		Coefficient of thermal expansion		0.00012432 1/°C
Screw pull out force		Drilled material		3,400 N
		Non pre-drilled		4,700 N



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