hanit
Preserves natural resources

Heavy Duty Ground Grids

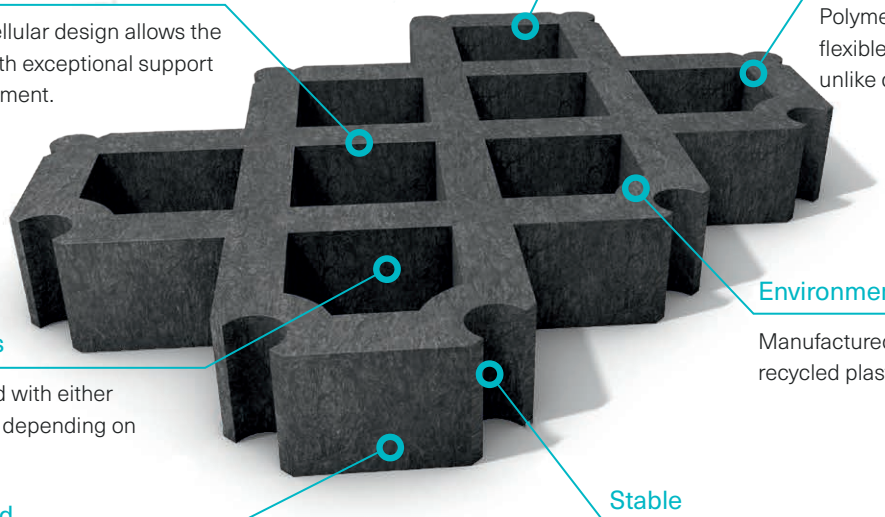
The interlocking solution for truck parking, rest areas & access routes

Specifications

Length	23⅝"
Width	15¾"
Height	3⅛"
Weight/piece	19.84 lbs
Coverage	2.58 ft^2
Quantity/pallet	135 pieces
Area/pallet	348 ft^2
Material	100% recycled plastic
Colour	Grey

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



Lightweight

Complies with HSE manual handling guidelines.

Permeable design

A rigid but open cellular design allows the grids to provide both exceptional support and water management.

Flexible

Polymer construction is semi flexible and resistant to cracking unlike concrete.

Environmentally friendly

Manufactured from 100% recycled plastic.

Application options

Open cells can be filled with either gravel or soil and seed depending on your application.

Stable

Location fit connection improves stability once units are in position.

High load

Meets high SLW vehicle usage specifications, up to 60 metric tonnes-DIN 1072.

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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/m^2
Impact shore hardness	868	Shore hardness		54
Density test	1183-1	Density		0.9896 g/cm^3
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/mm^2
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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