



RAIN FLOW, HEAVY DUTY GROUND GRID

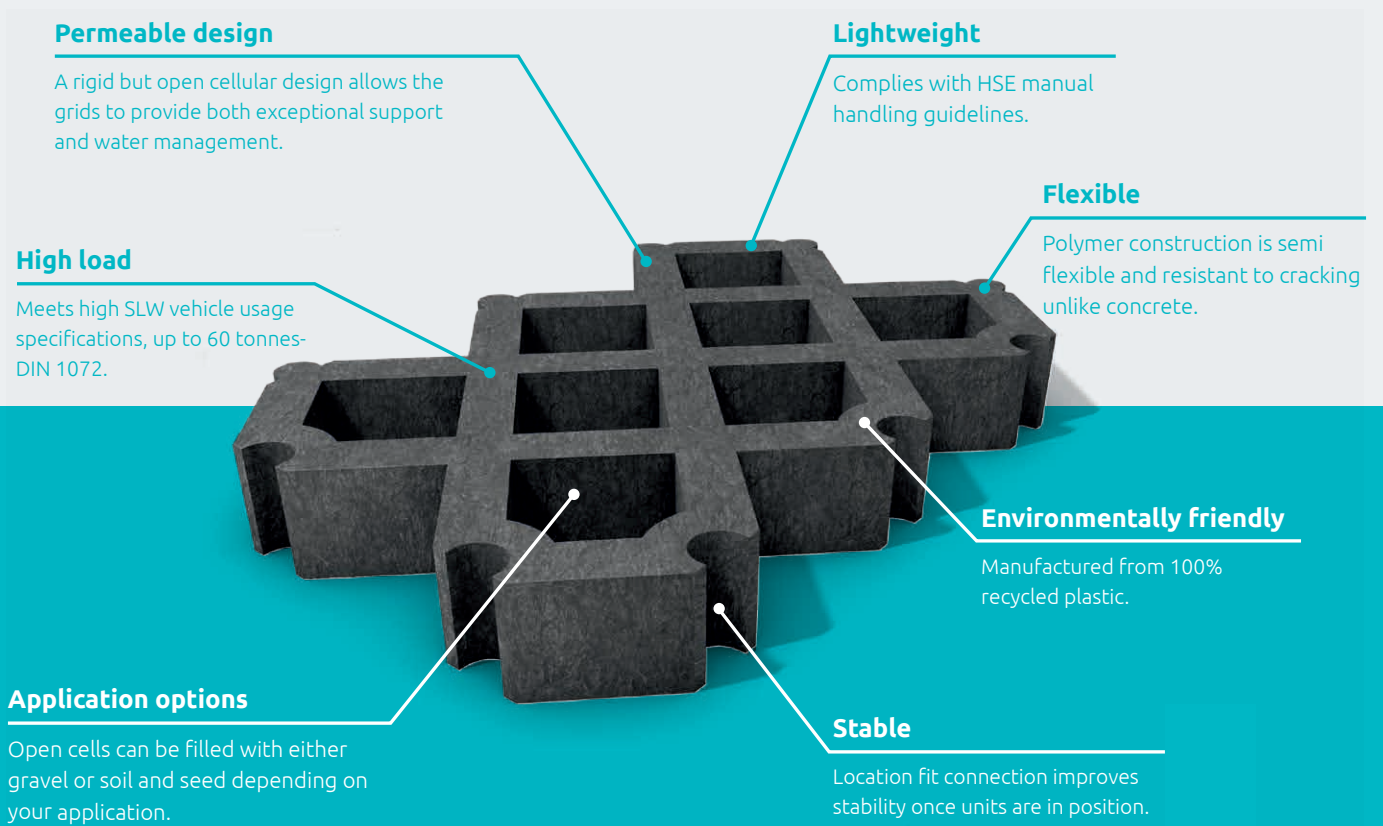
THE PERMEABLE AND INTERLOCKING SOLUTION FOR COMMERCIAL PARKING, LANEWAYS AND MORE

SPECIFICATIONS

Length	23.62"
Width	15.75"
Weight	19.84 lbs
Coverage	2.58 sq ft
Material	100% recycled plastic
Finish	Coarse
Colour	Gray

KEY FACTS

- » High compressive strength
- » Flexible and resistant to cracking
- » Harmless to flora and fauna
- » Meet SLW60 loading category (vehicle up to 60 tonnes gross weight)
- » Complies with HSE manual handling limits



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	

