



# Ground reinforcement system ECOGRID® X30

Technical Data  
Product features



# ECOGRID® X30



The alternative for a stable underground

- recommended for:
- excavation protection
  - substructure for paved areas
  - spacer

Specifications	
Dimensions:	33 x 33 x 3 cm   12.99 x 12.99 x 1.18"
Wall thickness:	up to 5.0 mm   0.1968"
Dimensional stability:	-50° / 90° C   -58° / 194° F
Solubility:	resistant to acids, alkalis, alcohol, oil and petrol (de-icing salt, ammonia, acid rain, etc.)
Moisture absorption:	0.01 %
Weight per m <sup>2</sup>   10.76 ft <sup>2</sup>	6.57 kg   14.48 lbs
Weight per piece:	0.73 kg   1.61 lbs
Interlock:	36 notched connectors per m <sup>2</sup>
Max. open surface:	approx. 80 %
Material:	LD-PE, recycled
Loadability:	up to 800 t/m <sup>2</sup> (depending on fill type)
Compressive strength:	up to 20 t point axle load (DIN 1072)
UV- resistant and weatherproof :	according to DIN EN ISO 4892-2 and DIN EN 60068-2-5
Environmental compatibility:	environmentally neutral according to OECD 202:2004
Highly durable:	according to DIN EN 124:2011 (D400)
Tensile strength:	> 5 kN/m
Package	
Standard installation unit:	1 layer (= 12 pieces, equates 1.33 m <sup>2</sup> )
Layer per pallet:	71
Area per pallet:	94.66 m <sup>2</sup>   1 018.91 ft <sup>2</sup>
Qty. per pallet:	852
Dimensions:	105 x 135 x 229 cm   41.34 x 53.15 x 90.16"
Weight per pallet:	632 kg   1 393.32 lbs (incl. plastic pallet and packaging)



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