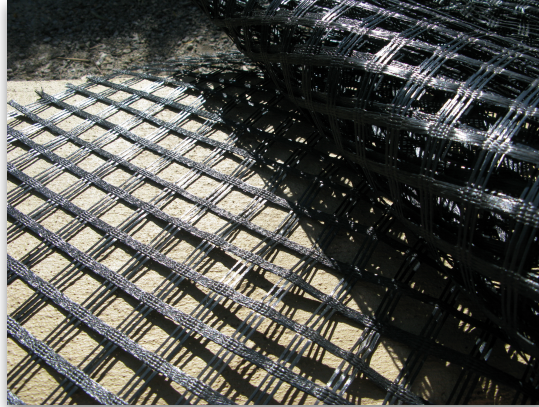


DUX 80/30 PET Geogrid



DUX 80/30 is a flexible, extremely high-strength geogrid used for reinforcing soils. DUX geogrids are manufactured from high-modulus, low-creep polyester (PET) and coated with a layer of protective polymer. DUX 80/30 geogrid is ideal for reinforcing retaining walls slopes, and piled embankments.



Product Item		Polyester geogrid 80/30KN	Method
Tensile Strength	Longitudinal (MD) KN/m	≥ 80	ASTM D4595
	Transverse (CD) KN/m	≥ 30	ASTM D4595
Tensile Strength @2% Strain	Longitudinal (MD) KN/m	≥ 15	ASTM D4595
Tensile Strength @2% Strain	Transverse (CD) KN/m	≥ 5	ASTM D4595
Tensile Strength @5% Strain	Longitudinal (MD) KN/m	≥ 38	ASTM D4595
Tensile Strength @5% Strain	Transverse (CD) KN/m	≥ 14	ASTM D4595
Partial Factor Creep Rupture	60 years	1.40	
	120 years	1.45	
Elongation (%)		≤12%	ASTM D4595
Long Term Design Strength for 120-year Design Life (MD) KN/m		45	ASTM D4595
Long Term Design Strength for 120-year Design Life (CD) KN/m		17	ASTM D4595
Mesh size(Standard)		25.4×25 mm,30x30mm,40x40mm,50x50mm,60x60mm etc	Measured
Durability		150 years	
Temperature Resistant (°C)		-100~280	
Resistance to installation		95/93/90	
Resistance to long term degradation %		100	
		PVC Soakage	

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Values subject to change without notice