

Steel Plastic Weld Geogrid

Geosynthetic Product Specification

Technical specifications for Steel Plastic Weld Geogrid, including available product grades and stated parameters.

TECHNICAL SPECIFICATIONS

Grade specifications / BSD30-30, BSD40-40, BSD50-50, BSD60-60

Property	Unit	BSD30-30	BSD40-40	BSD50-50	BSD60-60
Longitudinal Tensile Strength	kN/m	≥30	≥40	≥50	≥60
Horizontal Tensile Strength	kN/m	≥30	≥40	≥50	≥60
Tensile Strength at 1% Strain	kN/m	≥20	≥32	≥40	≥48

Grade specifications / BSD80-80, BSD100-100, BSD150-150

Property	Unit	BSD80-80	BSD100-100	BSD150-150
Longitudinal Tensile Strength	kN/m	≥80	≥100	≥150
Horizontal Tensile Strength	kN/m	≥80	≥100	≥150
Tensile Strength at 1% Strain	kN/m	≥63	≥81	≥125

Grade specifications / shared values for all listed grades

Property	Unit	Specification / Value
Elongation Rate	%	≤2

Technical disclaimer

Specifications shown in this document are based on the available product data for the listed grade or series. Final specifications, dimensions and documentation should be confirmed according to the selected product and project requirements.