



WATERPROOF PROTECTIVE BOARDS

Characteristic	Unit	Test Method
Compressive Strength	110 MPa	BS EN ISO 604:2003
Compressive Modulus	243 MPa	BS EN ISO 604:2003
Tensile Strength at Yield	10.8 MPa	BS EN ISO 527:1996
Tensile Strength at Break	10.4 MPa	BS EN ISO 527:1996
Tensile Elongation at Yield	176 %	BS EN ISO 527:1996
Tensile Elongation at Break	186 %	BS EN ISO 527:1996
Tensile Modulus	316 MPa	BS EN ISO 527:1996
Flexural Strength	10.8 MPa	BS EN ISO 178:2010
Flexural Modulus	299 MPa	BS EN ISO 178:2010
Thermal Expansion	1.73 mm/m/10°C	
Impact Resistance	28.6 kJ/m ²	BS EN ISO 179-1
Water Absorption	0.439 Wt%	BS EN ISO 62:1999
Density	0.929 g/cm ³	BS EN ISO 1183-1:2004

SLIP POTENTIAL

Characteristic	Dry	Wet	Test Method
Slip Potential	Low	Acceptable	BS EN ISO 604:2003

GENERIC CHEMICAL RESISTANCE CHART

Characteristic	Resistance to chemical attack	
	20°C	60°C
Water	Good	Good
Sea Water	Good	Good
Common Detergents (liquid)	Good	Good
Sodium Chloride (common salt)	Good	Good
Diesel oil	Good	Limited
Petrol (gasoline)	Limited	Not satisfactory
Alcohol (40% ethanol)	Good	Limited
Alkalis and acids	Good	-

