

WPS WPC deck boards

without compromise

Board comparison

Mechanical property	WPS WPC Natural		WPS WPC Classic		WPS WPC Heritage		WPS WPC Premium	
	Test method	Value	Test method	Value	Test method	Value	Test method	Value
Tensile strength	ASTM D638-2010	22.4J/M	ASTM D638-2010	22.4J/M	ASTM D638-2010	22.4J/M	ASTM D638-2010	22.4J/M
Flexural strength	ASTM D6109-2010	38.0MPA	ASTM D6109-2010	44.4 MPA	ASTM D6109-2010	44.4 MPA	ASTM D6109-2010	44.4 MPA
Impact	ASTM D638-2010	22.4J/M	ASTM D638-2010	5.0 kj/m2	ASTM D638-2010	5.0 kj/m2	ASTM D638-2010	5.0 kj/m2
Water absorption	ASTM D1037	0.6%	ASTM D1037	0.19% Max	ASTM D1037	0.19% Max	ISO 62	0.17% Max
Coefficient of expansion	Across length	0.08mm/m/°C	Across length	0.08mm/m/°C	Across length	0.08mm/m/°C	Across length	0.08mm/m/°C
Specific gravity	-	1.18 +/-0.05	-	1.18 +/-0.05	-	1.18 +/-0.05	-	1.18 +/-0.05
Grooved side slip potential	BS 7976-2	Dry: Low Wet: Moderate	BS 7976-2	Dry: Low Wet: Low	BS 7976-2	Dry: Low Wet: Low	-	-
Embossed side slip potential	BS 7976-2	Dry: Low Wet: Moderate	BS 7976-2	Dry: Low Wet: Moderate	BS 7976-2	Dry: Low Wet: Moderate	-	-
Slip potential	-	-	-	-	-	-	DN51130	Level R10
Scratch resistance	Should not be considered as scratch resistant						EN 438-2:1991	-
Stain resistance	Should not be considered as stain resistant						Should not be considered as stain resistant	
Colour stability	Some colour change can be expected						EN 438-2: 2005 Less than 4 Delta E	