

COMPOSITE DECKING BOARDS

DATASHEET

Material Characteristics

Recycling and environmental considerations make Composite Decking an attractive proposition and a modern day alternative to traditional materials such as timber. RecoDeck+® is made from recycled hardwood and plastics. It is CE Certified and fully tested to ensure ISO 9001 compliance. RecoDeck+® looks and feels like wood but out-performs wood in every way.

Made from 55% natural wood, 35% Grade 'A' Recycled HDPE (Plastic) and 10% additives.

Characteristics	Units	Test Reference
Density	1.35 g/m ³	ASTM D792-08
Tensile Strength	155 kgf/cm ²	ASTM D638-08 TYPE I, V = 5 mm/min
Elongation	1.1 %	
Impact Strength	7.6 kj	ASTM D1037-93
Nail-Head Pull-Through	346 kgf	ASTM D1036
Flexural Modulus	2.85 Gpa	ASTM D1037-93
Flexural Modulus after UV Aging (1,000 hours & rain)	2.82 Gpa	ASTM D1037-93
UV Aging Test	Pass	ISO 4892-2
Water Absorption (23°C, 24 hours, Increase in Weight)	0.77 %	ASTM D570-98 (2005)
Flammability Resistance* (Standard) Composition	Euro Class Cfl-S1	BS EN 13501-1
Slip Resistance	80 Dry / 41.6 Wet	BS 7976-2:2002
Weatherability	No Damage	MOAT 22
Frost Resistance	No Damage	DD CEN/TS 772-22:2006
Thermal Expansion	3.8 x 10 - 5	ASTM D1037
Sustainability	FSC Certification	FSC 100% / Recycled Certification

FOR MORE INFORMATION

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Visit: www.decksafe.co.uk