



TECHNICAL DATA SHEET

Description		Method	Unit	Value
Coefficient of Thermal Expansion		ASTM E228	$\alpha \times 10^6\text{m}/(\text{m.K})$	30,0
Flexural strength		ISO 178 / ASTM D790	Module (Gpa)	3.86
			Resist. (Mpa)	45.4
			Extension (%)	1.97
Heat Deflection Temperature HDT (1.8Mpa)		ISO 75 / ASTM D648	°C	70.4
QUVA340 (Accelerated weathering after 2000Hr)	Eco (Sand)	ISO 11507	-	0 (no visible change)
	Premium			n/a
OIT 190° (Oxidative Induction Time)		ASTM D 3895	Min.	56.5
Slip Resistance (transversal)	Plain	ENV 12633:2003	-	83
	Grooved	ENV 12633:2003	-	63
Density		ISO 845 / ASTM D1622	g.cm^{-3}	1,36
Hardness Shore D		ISO 868 / ASTM D2240	-	77 - 80
Water absorption % 24H / Saturation		ISO 62 / ASTM D570	%	1,3 / 7,2
Chemical Resistance (domestic detergents)		Bleach cleaner	-	No Visible Change
Flammability Test		UL 94	Vertical	V-0
			Horizontal	HB

Obs: 10% admitted tolerance. The above information do not represent any contractual commitment (indicative only) and can be changed without notice.

COMPOSITION

Vinyl Polychloride	50%
Rice husk	40%
Additives	10%



- **Twinwood** is a long lasting, low maintenance aesthetic alternative to hard wood.
- **Twinwood** requires no virgin wood resources and it does not include wood preservatives during its production.
- **Twinwood** can be cut and installed making use of the same/conventional tools employed in natural wood.
- **Twinwood** is an excellent choice especially in places where the natural wood presents a high risk of rotting.
- **Twinwood**: a recyclable material with an above average OIT value, an outstanding Impact Resistance, no cracks or splinters and good slip resistance. Quality and safety ensuring the preservation of the environment.

Twinwood - Composite that combines organic fibres with vinyl polychloride