

Wood Effect Vitrified Composite Decking



Designs



Brazilian Walnut



Himalayan Birch



Sunbleached Oak



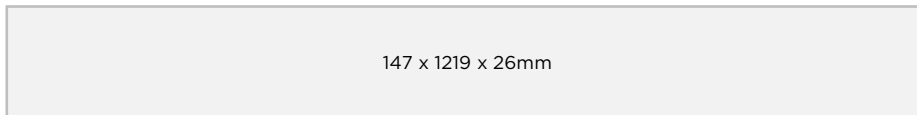
White Poplar



African Greywood

*To recreate the beauty of natural hardwood, the pattern on these boards only repeats over approximately 30m² – i.e. individual samples of the same board colour may feature natural variations

Dimensions & Packing Details



Packing Details

Size	Pieces X Pack	Sqm X Pack	Packs X Pallet	Kg X Pack	Sqm X Pallet	Kg X Pallet
147x1219x26	4	0.744	20	35.6	14.88	712

Regularity Characteristics

Technical Features	Test Method	Required Standard	Performance Value
Length and width	ISO 10545-2	±1 % Max. ±2 mm	3 1mm (*)
Thickness		3 10%	3 1mm (**)
Straightness of sides		3 0.5% (***)	≤ 0.2% / 32.4mm (***)
Rectangularity		3 1% (****)	3 1.5 mm
Surface flatness		3 0.5%	Length 3 1.5mm Width 3 0.8mm

Structural Characteristics

Technical features	Test Method	Required Standard	Performance Value
Water absorption level (in% by mass)	ISO 10545-3	E≤ 0,5%	≤0.5%

Bulk Mechanical Characteristics

Technical features	Test Method	Required Standard	Performance Value
Breaking strength	ISO 10545-4	≥ 950 N	> 11.7 N
Modulus of rupture	ISO 10545-4	≥ 28 N/mm ²	n/a (*****)
Breaking Load	ISO 10545-4	≥ 950 N	Average 8962N

Thermal and Hygrometric Characteristics

Technical features	Test Method	Required Standard	Performance Value
Coefficient of linear thermal expansion	ISO 10545-8	Declared value	5.3 x 10 ⁻⁶ °C ⁻¹
Thermal shock resistance	ISO 10545-9	Required	Guaranteed Resistant
Moisture expansion (in mm/m)	ISO 10545-10	Not required	<0.1mm/m
Frost resistance	ISO 10545-12	Required	Guaranteed Resistant

Physical Characteristics

Technical features	Test Method	Required Standard	Performance Value
Reaction to fire	-	Class A1 or A1 _{fl}	A1 - A1 _{fl}

Chemical Characteristics

Technical features	Test Method	Required Standard	Performance Value
Resistance to household chemicals and swimming pool salts	ISO 10545-13	Minimum B class	HA/LA
Resistance to staining	ISO 10545-14	Minimum Class 3	Class 5

Safety Characteristics

Technical features	Test Method	Required Standard	Performance Value
Pendulum friction Test	BS EN 16165 ANNEX C (EX BS 7976)	PTV ≥ 36 classifies the surface as "low slip risk"	Brazilian Walnut: >57 (Dry), >41 (Wet) African Greywood: >62 (Dry), >54 (Wet) White Poplar: >61 (Dry), >46 (Wet) Sunbleached Oak: >59 (Dry), >47 (Wet) Himalayan Birch – >57 (Dry), >45 (Wet)
Dynamic coefficient of friction (DCOF)	ANSI A137.1	Not required	≥0.42 Wet

(•) Anti-slip performance is guaranteed at the time of delivery of the product.

(*) The permissible deviation, in % or mm, of the average size for each tile (2 or 4 sides) from work size (W).

(**) The permissible deviation, in % or mm, of the average thickness for each tile from the work size thickness (W).

(***) The maximum permissible deviation from straightness, in % or mm, related to the corresponding work sizes (W).

(****) The maximum permissible deviation from rectangularity, in % or mm, related to the corresponding work sizes (W).

(*****) ISO 13006 Annex M Table M.1 states MOR of ≥28N/mm² is not applicable to tiles with a breaking strength of ≥3000N

Compatible Systems

