

# VC

## Vitrified Composite Decking Board



### Overview

The Vitrified Composite Decking Board is a non-combustible ceramic decking board that actually looks like wood! Inspired by nature and designed for longevity, this inherently Class A1 fire-rated wood deck finish boasts exceptional aesthetics, high performance, and low maintenance. The range comes complete with matching bullnose boards for seamless steps, edges, and fascia interfaces.

- Stunningly realistic wood effect
- Made from highly durable extruded ceramic
- Non-porous, guaranteed frost-resistant
- Protected from staining and fading
- Inherently class A1 fire-rated
- Rigorously slip-tested and certified as low-risk of slip
- CE marked
- Wind-uplift ready
- Matching bullnose boards



### Details

<b>Material</b>	Extruded glazed ceramic
<b>Dimensions</b>	147x1219x26mm
<b>Weight</b>	8.9kg/board 58kg/m <sup>2</sup>






### Performance

<b>Breaking strength (ISO 10545-4)</b>	10082 N
<b>Reaction to fire (BS EN 13501-1)</b>	Inherently A1 (Decision 94-611/EC)
<b>Maximum span</b>	305mm






**Got questions? Give us a shout.**

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## Finishes

			
<b>African Greywood</b>	<b>Brazilian Walnut</b>	<b>Himalayan Birch</b>	<b>Sun-bleached Oak</b>
			
<b>White Poplar</b>			

## Compatible Components

	<b>DS</b> Aluminium Joist		<b>DSB</b> Decking Screw
	<b>DSC</b> Joist Connector Bracket		<b>SAS</b> Self-adhesive EPDM Strip
	<b>RD-FR</b> Non-Combustible Adjustable Joist Support Pedestal		<b>ADC</b> Joist Support Cleat
	<b>FA</b> Furniture Anchor		<b>FRS</b> Fall Restraint Sheet

## Annex 4

### Manufacturing tolerances

Detail	Value	Standard
Length and width	$\pm 0.3\%$ / $\pm 1\text{mm}$ (*)	ISO 10545-2
Thickness	$\pm 10\%$ / $1\text{mm}$ (**)	ISO 10545-2
Straightness of sides	$\leq 0.2\%$ / $\pm 2.4\text{mm}$ (***)	ISO 10545-2
Rectangularity	$\pm 0.5\text{mm}$	ISO 10545-2
Surface flatness	Length $\pm 1.5\text{mm}$ Width $\pm 0.8\text{mm}$	ISO 10545-2

### Thermo-hygrometric properties

Detail	Value	Standard
Coefficient of linear thermal expansion	$5.3 \times 10^{-6} \text{ }^{\circ}\text{C}^{-1}$	ISO 10545-8
Thermal shock resistance	Pass - Resistant	ISO 10545-9
Frost resistance	Pass - Resistant	ISO 10545-12

### Mechanical properties

Detail	Value	Standard
Modulus of rupture	$5.3 \times 10^{-6} \text{ }^{\circ}\text{C}^{-1}$	ISO 10545-8

### Chemical properties

Detail	Value	Standard
Resistance to household chemicals and swimming pool salts	HA/LA	ISO 10545-13
Resistance to staining	5	ISO 10545-14

### Other properties

Detail	Value	Standard
Water absorption level (in% by mass)	$\leq 0.5\%$	ISO 10545-3

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

(\*\*) The permissible deviation, in % or mm, of the average thickness for each tile from working dimension.

(\*\*\*) The maximum permissible deviation from straightness, in % or mm, related to the corresponding working dimension