

# EXTERIOR PRODUCTS QUALITY STANDARTS



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 **TANTIMBER**

[info@tantimber.com](mailto:info@tantimber.com) ☎ 0 216 232 2826

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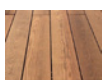
## EXTERIOR PRODUCTS QUALITY STANDARDS

Tantimber exterior decking and claddings have a wide scale with thickness, width and profile options.

Tantimber plans raw material procurement process with the awareness of protecting the natural habitat. Therefore all raw materials are obtained from the controlled forests.

Tantimber Exterior Product Quality Standards should be explained as follow by considering international norms in production.

### Tantimber Ash Products



**Production Norms:** Produced according to Thermowood association principles at 210°C and European technical norms DIN CEN/TS 15679:2008-03/.

**Surface,Quality:** Useable side is defect free and free of knots. On the invisible side of the decking and cladding materials (bottom side) may be cases such as moulding impacts, knots and measurement recovery inabilities and these are not considered as defects. Tantimber Ash decking and cladding products are one side usable products. For two face clear products please get in touch with your sales representative.

**Usage Areas:** Decking, Cladding, Window Scantlings, Louvers, Lanscaping, Pergola, etc.

**Origin:** North America

**Dimensional Tolerances:**

THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)
+/-1 mm (DIN EN 4074-5)	+/-1 mm (DIN EN 4074-5)	+/-2 mm (DIN EN 14159)

**Length Proportions:** Supplied between 1200-3600 mm (3900-4200 mm as per accumulation) in intervals of 300 mm.

**Biological Durability:** It is placed in Class-1 according to European Technical Norms Durability Classes EN 350-2 and EN 335.

**Color:** Brown. Color differences that may occur on the Ash boards after thermowood process are due to its natural features. These color differences are not considered as a defect.

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## EXTERIOR PRODUCTS QUALITY STANDARDS

### Tantimber Iroko Products



**Production Norms:** Produced according to Thermowood association principles at 185°C - 210°C and European technical norms DIN CEN/TS 15679:2008-03/.

**Surface, Quality:** Useable side is defect free and free of knots and Sapwood. On the invisible side of the decking and cladding materials (bottom side) may be cases such as moulding impacts, knots and measurement recovery inabilities and these are not considered as defects.

Tantimber Iroko decking and cladding products are one side usable products. Thermowood Iroko products are free of sapwood. Thermowood Iroko products are about 85% with riftsawn. In rare cases, plain sawn products are supplied.

**Usage Areas:** Decking, Cladding, Window Scantlings, Louvers, Lanscaping, Pergola, etc.

**Origin:** Cameroon – Africa.

**Dimensional Tolerances:**

THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)
+/-1 mm (DIN EN 4074-5)	+/-1 mm (DIN EN 4074-5)	+/-2 mm (DIN EN 14159)

**Length Proportions:** Supplied between 1000-3300 mm in intervals of 300 mm.

**Biological Durability:** It is placed in Class-1 according to European Technical Norms Durability Classes EN 350-2 and EN 335.

**Color:** Due to its natural features Iroko products form to caramel color after Thermowood process and color differences may occur on the Iroko boards. These color differences are not considered as defects.

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## EXTERIOR PRODUCTS QUALITY STANDARDS

### Tantimber Pine Products



**Production Norms:** Produced according to Thermowood association principles at 212°C and European technical norms DIN CEN/TS 15679:2008-03/.

**Surface, Quality:** Products with their knotty structure obtained from top logs; wing-knots and sound knots obtained by cutting these logs in half (2-EX cut logs). Cracks on the knots after the thermowood process do not affect the durability of the wood. Due that cracks on the knot being a natural reaction of the wood and are not considered as defects. Tantimber Pine decking and cladding products are one side usable end products with increased durability by Thermowood process. On the invisible side of the decking and cladding materials (bottom side) there may be cases such as moulding impacts, unsound knots and measurement recovery inabilities.

**Usage Areas:** Decking, Cladding, Window Scantling, Louvers, Lanscaping, Pergola, etc.

**Origin:** Scandinavia.

**Dimensional Tolerances:**

THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)
+/-1 mm (DIN EN 4074-5)	+/-1 mm (DIN EN 4074-5)	+/-2 mm (DIN EN 14159)

**Length Proportions:** Supplied between 1800-5700 mm in intervals of 300 mm.

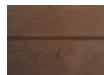
**Biological Durability:** It is placed in Class-2 according to European Technical Norms Durability Classes EN 350-2 and EN 355.

**Color:** Golden Brown. Color differences that may occur on the Pine boards after Thermowood process are due to its natural features. These color differences are not considered as a defect.

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## EXTERIOR PRODUCTS QUALITY STANDARDS

### Tantimber Tulipwood Products



**Production Norms:** Produced according to Thermowood association principles at 210°C and European technical norms DIN CEN/TS 15679:2008-03/.

**Surface, Quality:** One side is flawless and mostly knotless. On the invisible side of the cladding materials (bottom side) may be cases such as moulding impacts, knots and measurement recovery inabilities these are not considered as defects. There might be pin knots on the visible side. Tantimber Tulipwood decking and cladding products are one side usable end products with increased durability by Thermowood process.

**Usage Areas:** Decking, Cladding, Window Scantling, Louvers, Lanscaping, Pergola, etc.

**Origin:** North America

**Dimensional Tolerances:**

<b>THICKNESS (mm)</b>	<b>WIDTH (mm)</b>	<b>LENGTH (mm)</b>
<b>+/-1 mm (DIN EN 4074-5)</b>	<b>+/-1 mm (DIN EN 4074-5)</b>	<b>+/-2 mm (DIN EN 14159)</b>

**Length Proportions:** Supplied between 2100 - 4800 mm in intervals of 300 mm.

**Biological Durability:** It is placed in Class-2 according to European Technical Norms Durability Classes EN 350-2 and EN 355.

**Color:** Brown. Color differences that may occur on the Tulipwood boards after Thermowood process are due to its natural features. These color differences are not considered as a defect.