

THERMOWOOD TMT LUMBER GRADING DEFINITIONS



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TANTIMBER

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■ TANTIMBER

TMT LUMBER GRADING DEFINITIONS

Tantimber Ash Lumber

Origin: North America

Latin Name: Fraxinus Americana

Grade: FAS -First and Selects. For more information please check on our American Hardwood Grading Classifications book.

Moisture: %4-7

Process: Thermowood (TMT)

Process Temperature: 180°C (interior) - 210°C (exterior)

Features:

Thermowood Lumber are in the semi-finished product category and should not be considered as final products and some factors must be taken into consideration.

With the minimization of the moisture in the lumber as the Thermowood process result, mass loss of 5-7% in thickness and width occurs. Measurements are based on gross measurements.

Colour differences that may occur on the lumber after the process are due to its natural features. These color differences are not considered as a defect.

Longitudinal bendings can be seen on the lumber.

Due to the fact that FAS grading definition is in NHLA (National Hardwood Lumber Association), defects such as knots, wane and end-splits can be found on the lumber.

THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)
26-32-38-52	102-127-152	1800-3600 3900-4200 optional

TAN Grade Classification:

In order to maximize the yield and to minimize the losses that will occur during TMT Ash Lumber production; we offer our special lumber classification TAN Grade in accordance with customers' demands.

With TAN Grade classification; lumber is driven from natural state of lumber to TMT lumber by passing through the multistage quality control and 4-sided pre-molding process. By eliminating defects such as splits, knots, wane, etc. higher yield is provided. Thus, the width and thicknesses of TANTIMBER lumber are reduced, square edged and fully prepared to be profiled.

TAN Grade lumber class makes it possible for Tantimber customers to use one face clean products, completely free from defects for their special needs and special productions to achieve high yields.

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TMT LUMBER GRADING DEFINITIONS

Tantimber Iroko Lumber

Origin: Cameroon - Africa

Latin Name: *Milicia Excelsa* (*Chlorophora Excelsa*)

Grade: FAS

Moisture: %4-7

Process: Thermowood (TMT)

Process Temperature: 185°C - 200°C

Features:

Thermowood Lumber are in the semi-finished product category and should not be considered as final products and some factors must be taken into account.

With the minimization of the moisture in the lumber as the Thermowood process result, mass loss of 5-7% in thickness and width occurs. Measurements are based on gross measurements.

The color tone differences that can occur on the lumber after the process are due to its natural features. These color differences are not considered as a defect.

Longitudinal bendings can be seen on the lumber.

Thermowood Iroko lumber are free of sapwood.

Due to the fact that Thermowood Iroko is semi-finished product defects such as worm holes and end-splits can be found on the lumber.

THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)
25-50	100-130	2000-3600

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TMT LUMBER GRADING DEFINITIONS

Tantimber Tulipwood Lumber

Origin: North America

Latin Name: Liriodendron Tulipifera

Grade: FAS -First and Selects. For more information please check on our American Hardwood Grading Classifications book.

Moisture: %4-7

Process: Thermowood (TMT)

Process Temperature: 210°C

Features:

Thermowood Lumber are in the semi-finished product category and should not be considered as final products and some factors must be taken into account.

With the minimization of the moisture in the lumber as the Thermowood process result, mass loss of 5-7% in thickness and width occurs. Measurements are based on gross measurements.

The color tone differences that can occur on the lumber after the process are due to its natural features.

These color differences are not considered as a defect.

Longitudinal bendings can be seen on the lumber.

Due to the fact that FAS grading definition is in NHLA (National Hardwood Lumber Association), defects such as knots, wane and end-splits can be found on the lumber.

THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)
26-32-38-52	102-127-152	2400-4800

TAN Grade Classification:

In order to maximize the yield and to minimize the losses that will occur during TMT Tulipwood Lumber production; we offer our special lumber classification TAN Grade in accordance with customers' demands.

With TAN Grade classification; lumber is driven from natural state of lumber to TMT lumber by passing through the multistage quality control and 4-sided pre-molding process. By eliminating defects such as splits, knots, wane, etc. higher yield is provided. Thus, the width and thicknesses of TANTIMBER lumber are reduced, square edged and fully prepared to be profiled.

TAN Grade lumber class makes it possible for Tantimber customers to use one face clean products, completely free from defects for their special needs and special productions to achieve high yields.

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TMT LUMBER GRADING DEFINITIONS

Tantimber Pine Lumber

Origin: Scandinavia

Latin Name: Pinus Sylvestris

Grade: A Grade

Moisture: %4-7

Process: Thermowood (TMT)

Process Temperature: 212°C

Features:

Thermowood Lumber are in the semi-finished product category and should not be considered as final products and some factors must be taken into account.

With the minimization of the moisture in the lumber as the Thermowood process result, mass loss of 5-7% in thickness and width occurs. Measurements are based on gross measurements.

The color tone differences that can occur on the lumber after the process are due to its natural features.

These color differences are not considered as a defect.

Longitudinal bendings can be seen on the lumber.

Due to the fact that it is A Grade, defects such as sound knots, surface and end-splits can be found on the lumber.

Due to their natural structure Thermowood Pine is a wing knotted lumber.

Lumber are obtained by 2-EX cutting method.

THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)
25-32-50	100-125-150	3000-5700