

ThermoWood® decking



Product information

SAP product code	89497 - 32 x 125mm x 3.9m 95653 - 32 x 125mm mixed lengths
Finished size	26 x 118mm
Description	Grooved one side
Certification	PEFC Environmental
Raw material	Scandinavian Pine

Installation

ThermoWood® deck boards can be fixed with standard deck screws or clips. The deck boards should be supported at a maximum of 400mm centres.

Product colour

ThermoWood® decking is a rich golden colour similar to that of Hardwood which if left untreated will fade to a silvery grey once exposed to the elements.

Cleaning and maintenance

General maintenance including regular cleaning with a mild detergent will extend the life of ThermoWood® decking. To maintain the rich colour treat the ThermoWood® annually with a deck oil or standard preservative deck treatment.

Treatment process

ThermoWood® decking is heat treated to class Thermo-D at temperatures of 212°C making it suitable for external use.

There are three main phases to the treatment process:

1. Using heat and steam the temperature in the kiln is raised to 100°C. Thereafter the temperature is raised to 130°C allowing the drying process to take place and the moisture content decreases to almost zero.
2. Once the drying has taken place the kiln temperature is raised to 212° and this constant temperature remains for 2-3 hours depending on the end use application.
3. Finally the temperature is lowered with water spray systems. When 80-90°C is reached re-moisturising takes place allowing the wood moisture content to rise to a useable level of 4-7%.

Fire performance

According to EN13501 (SBI Test) ThermoWood® is in a reaction to fire class D. It is possible to treat further with fire protective treatments in order to achieve fire class rating 1 Spread of Flame.

Moisture content

The product has a moisture content of 5-7% (50%RH) when packed in production. This level will change according to atmospheric conditions.

Disposal of waste material

ThermoWood® is not a hazardous substance and can be treated as a standard softwood product when disposing. Any excess material can also be recycled.

Manufacturer/ Supplier

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