

## Thermowood Ash <sup>®</sup>



- **General Information**

- **Introduction**

- European ash is typically straight grained, and this, combined with its toughness and flexibility, makes it one of the world's most valuable timbers for such uses as sports goods and striking tool handles

- **Distribution**

Europe including the British Isles, North Africa and western Asia, growing best on loamy soils where both the soil and the atmosphere is moist and cool.

- **Environmental**

Not listed in CITES. Available from well-managed sources, supplied as PEFC or FSC certified, dependant on supplier.

- **The Timber**

There is usually no distinction in colour between sapwood and heartwood, when undergoing the thermally treated process natural colour is altered to a warm brown.

- **The Tree**

A tall, graceful tree, reaching a height of 30m to 42m on good sites, with a clear bole averaging 9m in length, and occasionally more. The diameter varies from 0.5m to 1.5m.

- **Wood Type**

Hardwood

### **Timber Properties**

- **Chemical Properties**

Fine dust may be an irritant

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Can be coated with pigmented oils used for hardwoods but needs regular application to maintain colour due to absorbency of the material. Omnia UV resistant Morrells can also be used (Must inform coating applicator that this is to be used on Thermo ash as it requires a specific formulation).

- **Weathering**

If left uncoated will weather very quickly

- **Colour**

Honey brown to espresso brown

- **Density**

590kg (standard ash 690kg)

- **Durability**

Class 1 – Durable

- **Working Qualities**

Although tough, ash works and machines quite well, and finishes to a reasonably smooth finish. It can be stained and polished. Thermo ash can be glued using PUR glues. Surfaces should be sanded and wet well before gluing. Note that thermo ash takes water in really poorly.

- **Use(s)**

- Joinery - Interior, Furniture, Flooring, External decking and cladding.