

Engineered Wood Ash Plank Technical Specifications

Construction

- **Thickness Options:**
 - 21 mm total thickness (6 mm top layer on 15 mm waterproof birch plywood)
 - 16 mm total thickness (4 mm top layer on 12 mm ply core)
- **Custom Constructions:** Available upon request

Profiling

- Tongue and groove on all four sides, precision machined to within a hundredth of a millimetre
- Bevelled tongue within the tongue and groove section for easy jointing

Bonding

- Epoxied and cold pressed for optimal bonding results
- Rigorous testing of each board for proper bonding
- Laboratory testing under extreme conditions to ensure bonding performance

Top Layer Lamella

- Hardwood wear layer cut from freshly sawn solid ash boards, kiln dried for uniformity and lightness
- Same grain appearance as solid boards
- Timber sourced exclusively from FSC certified suppliers
- Consistent thickness calibration

Core Plywood Layer

- Constructed from waterproof birch plywood with core layers bonded together
- Calibrated and sanded for perfection using exclusively birch layers
- Nine-layer construction provides additional resistance and enhanced stability
- Both FSC and CARB certified

H O F F P A R Q U E T

Thermal Properties

- **21 mm Thickness:**
 - Thermal conductivity: $\lambda=0.17$ W/mK
 - Thermal resistance: $R_c=0.12$ m²K/W
- **16 mm Thickness:**
 - Thermal conductivity: $\lambda=0.17$ W/mK
 - Thermal resistance: $R_c=0.09$ m²K/W

Measurements

- **Widths:** 100 mm to 360 mm
- **Lengths:** Packs of 1800/2000/2400 mm with one nested layer; tailored lengths up to 5 meters available

Finishes

- Two coats of natural oil or eight coats of non-toxic lacquer
- Various finishes available: antique distressed, fumed, double fumed, neutral lacquered, brushed and oiled, French grey, white wash, and more

Other Features

- Maintains a well-balanced moisture content in both the wear layer and core layer, kiln dried to 8-10% to meet European standards
- Utilises authentic European Oak (*Quercus Robur*) with bright wood characteristics
- Certified European oak and water-resistant birch plywood
- Energy for kilning wood and heating warehouses generated from recycled wood waste