

## Engineered Wood Douglas Fir Plank Specification

### Dimensions

- **Thickness x Widths:**
  - 17/21 x 200 | 250 | 300 | 350 | 400 mm
- **Top Layer:**
  - 4.5 mm on 17 mm core
  - 5-5.5 mm on 21 mm core

### Platform

- Balanced cross-grain core & backing configuration in quarter-sawn coniferous wood for minimal shrinkage and expansion
- Optional hardwood backing

### Length Options

- Room-length boards: 1-15 m in 50 cm intervals
- Variable/random lengths: 1-5 m

### Grading

- Available in URBAN CLASSIC or COUNTRY CLASSIC grades

### Profiling

- **Longsides:** Tongue and Groove (T&G) for floorboards in room lengths
- **Longsides and Ends:** T&G and Grooved and Tongued (G&G) for variable/random lengths

# H O F F P A R Q U E T

## Bevel

- **Optional Longsides:** Micro-bevel 1.5 mm or straight-edged
- **Butt Joints:** Straight-edged

## Wood Moisture Content

- 7% ± 1%

## Knot Filler

- Color adapted to wood species

## Top Layer Surface Treatment

- Sanded with 80 grit, untreated
- Optional treatments: Brushed or fine-sanded (100, 120 grit), lye, oils, floor soaps oxidatively drying
- \*View 3.2 Surface treatment for options

## Stress Group

- D4

## Technical Specifications

- **Brinell Hardness (Top Layer):** 20 N/mm<sup>2</sup>
- **Fire Protection Class:** Dfl-s1 according to DIN EN 13501-1
- **Thermal Insulation Resistance:**
  - Thickness 21 mm = 0.16
  - Thickness 17 mm = 0.13
- **Formaldehyde Emission:** Below detection level
- **Emission Class:** E1
- **Density (Top Layer):** 470 kg/m<sup>3</sup>

## Installation

- Full-surface glued or screwed down
- **Recommended Glue:** Stauf SMP
- Suitable for underfloor heating with a maximum surface temperature of 27°C