

Fertigparkett



Real natural wood

Technical Data Sheet

3-Layer Engineered Hardwood Flooring Oak Lorenz

EAN - 4260277616106

Construction & Material Composition

Top Layer: German or French Oak Quercus Robur

Core Layer: Poplar (Populus Simonii)

Backing Layer: Poplar (Populus Simonii)

Grade: EF - rustic (to learn more about our grades press → [HERE](#))

Dimensions & Packaging

Plank Dimensions: 2200 x 240mm

Overall Thickness: 15mm

- Top Layer - 4mm
- Core Layer - 9mm
- Backing Layer - 2mm

Bevels: 4 sides bevels, 0.5mm

Moisture Content (Pre-Installation): 7-9%

Packaging: 126,72sqm per pallet. 6 planks per package, 3,168sqm.

Storage Conditions: Dry, ventilated area (15-25°C, 40-60% humidity)

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Surface Finishing

Finish Type: Pre applied WOCA oil with a smooth natural wood grain optic.

Coating: 3 layers

Surface Finish: Clear oiled and waxed, middle smoked, brushed, 4 sides bevels

Key Performance Indexes (EN 14342:2013)

Durability: 3240 N

Formaldehyde Emission: E1 (Tested periodically by Fraunhofer Institute)

Pentachlorophenol Emission: ≤ 5 ppm

Thermal Conductivity: 0.128 W/(mK)

Moisture Content (Pre-Installation): 7-9%

Slip Resistance, Break Strength, Friction Resistance: NPD

Fire Resistance: Dfl-s1



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Installation & Underfloor Heating

System: DD click system

Methods: Floating or full-surface gluing (T-joint gluing recommended)

Subfloor Compatibility: Concrete, plywood (moisture barrier required when floating)

Relative Humidity Requirement: 40-60%

Underfloor Heating:

- Compatible with warm water-based systems
- Maximum surface temperature: 27°C
- Maximum subfloor moisture: 1.8% CM (cement) / 0.3% CM (anhydrite)

Environmental, Warranty & Compliance

VOC Emissions: Tested by Fraunhofer WKI, compliant with AgBB 2021

Ultra-low emissions:

- TVOC after 28 days: 0.064 mg/m³ (limit: ≤1.0 mg/m³)
- Formaldehyde Emission: 0.002 mg/m³ (limit: ≤0.12 mg/m³)
- No carcinogenic VOCs detected (detection limit: 1 µg/m³)

Complies with European Standards: EN 14342, DIN EN 16516, AgBB VOC regulations

Warranty: 15 years residential (conditions apply)