

Fertigparkett



Real natural wood

Technical Data Sheet

3-Layer Engineered Hardwood Flooring GPC Oak Rügen

EAN - 4260277614201

Construction & Material Composition

Top Layer: Oak (Quercus Robur), 100% FSC certified

Core Layer: Oak (Quercus Robur)

Backing Layer: Oak (Quercus Robur)

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

Dimensions & Packaging

Plank Dimensions: 2130 x 190mm

Overall Thickness: 14.2mm

- Top Layer - 3.2mm
- Core Layer - 9mm
- Backing Layer - 2mm

Bevels: 4 sides bevels, 0.5mm

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

Packaging: 133,55sqm per pallet. 6 planks per package, 2,428sqm.

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

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Surface Finishing

Finish Type: Pre applied Bona Naturale finish with a smooth natural wood grain

Coating: 3 layers

Surface Finish: Bona Naturale, brushed, 4 sides bevels

Key Performance Indexes (EN 14342:2013)

Durability: 3240 N

Formaldehyde Emission: E0 - formaldehyde-free

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: 5G 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)

Certification: 100% FSC certified