



This product has been manufactured according to the European Norm EN13489.
Product: Multilayer Parquet Oak Plank SAPPHIRE DESIGN COLLECTION Rivafloors.

Dimensions:

Total Thickness (")	Top Layer Thickness (mm)	Plywood Thickness (mm)	Length (')	Width (")
5/8" (16 mm)	3 mm	12 mm	7.2' (2200 mm)	7½" (188 mm)

Parquet Structure:

Structure composed by a Birch Phenolic Plywood and an Oak Plank Top Layer, both elements glued with polyvinyl acetate adhesives, being in accordance to the qualification CARB2.

Dimensional Tolerances (EN 13647):

Length: Nominal $\pm 0,1\%$
Width: Nominal $\pm 0,2\%$
Cupping: 0,2% of nominal width.
Banana: 0,1% nominal length

Rivafloors Qualities:

Select: Bird-eye knots allowed.
2 death knots per piece allowed; maximum diameter of 1" (25 mm) and repaired with putty.
2 live knots per piece; maximum diameter 1" (25 mm)
Sapwood allowed if it is the same color of the piece.

Totally white sapwood, cracks or discolorations not allowed.

Impact Resistance: Ø medium of deep 8,59 mm

Dimensional Stability:
(EN-1910): Movement ≤ 0,29%

Finished: Glossy at 10°.

Abrasion Resistance:
(EN-13696) 88% of the lacquered Surface after the test (Request specified by the norm: Result > 50%).

Resistance to domestic products:
(EN-13442) Bright = 5; Color = 5 (norm specifies that both values must be ≥ 3)

Formaldehyde Emission:
(EN-120) E0. CARB2 Comply

Thermal conductivity:
(UNE-92-202) 0,14W/m²K

Noise & Impact Isolation:
(UNE-EN-ISO 140-8) ΔL_w: 17 dB

Fire Reaction:
(UNE 23727) Cfl-S1

Profiling System: Tongue & Groove, beveled 2 sides.

Warranty: 25 years for domestic use. Hygrometric pathologies are excluded.

INSTALLATION CONDITIONS: Previous to start the product installation, you must always verify the place where the material is going to be placed. Check that the living place has all doors, windows and any other necessary element. Check also that the concrete floors are perfect (levelled, at the right moisture content, ...etc). Concrete subfloor must be always below 2.5% (Carefully check that if installation is going to be under heating system, concrete must be below 2% humidity). When making the installation you must always calculate the necessary expansion gaps needed, plus the expansion gap around the room.

The flat or house must have an environmental humidity between 45% and 65%, not to have any future issue in terms of dimension modifications in the floor. If environmental humidity is not kept under the previously mentioned values the floor can have structural problems.