



Technical data sheet



COLLECTION ATELIER LUXURY

Collection Atelier is available in 2 formats: Luxury (birch plywood) and Diamond (poplar plywood)



length
2,7 m

width
32 cm



This product has been manufactured according to the EN13489

Product : Multilayer Oak plank 1 lamela collection ATELIERBR111.

Dimensions:

Total Thickness (mm)	Top layer Thickness (mm)	Plywood Thickness (mm)	Length (mm)	Width (mm)
21	6	15	2700	320
				280
			2450	280
				2200
19	4	15	2700	320
				280
			2450	280
				240
				205
				170
16	4	12	2450	240
				205
			2200	170
				140
14	3	11	2200	188
12	3	9	2200	188
				140
11	2	9	2200	188
				140

Structure:

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

Dimensional tolerancies(EN13647):

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



Qualities BR111	SELECT	Natural selection with maximum of two healthy knots and two dead ones from 20 till 25 mm in diameter repaired, without completely white sapwood, cracks or color variations.		
	RUSTIG	allowed with maximum knots 50 mm in diameter repaired, repaired cracks, sapwood and color variations. 100% pieces with sapwood not allowed		
Impact resistance:	Ømedium of deep <9mm.			
Dimensional stability: (EN-1910)	Movement ≤0,29%			
Finished:	Ultramat (glossyness) 10-12%			
Products available in this surface:	GRAY BROWN KINGS BRIDGEDRIFT NORMANY	SLOAN RHONE LORRAI NECHAMBOARD ARTIC WHITE	BLACK JUNGLE WIND HORIZON	
Finished:	Satinado (glossyness) 30%			
Products available in this surface:	BLACK & WHITE SNOW			
Abrasion resistance:(EN-13696)	88% of the lacquered surface after the test. (Request specified by the norm result>50%).			
Resistance to domestic products: (EN-14342)	Brighthness = 5; Color = 5 (norm specifies that both values must be ≥ 3)			
Formaldehyde emission: (EN-120)	E0. CARB2 Comply			
Thermal conductivity: (UNE-92-202)	for 19 and 21mm 0,13W/(K·m) / for 11,12,14 and 16mm 0,14W/(K·m)			
Noise & impact isolation: (UNE-EN-ISO 140-8)	ΔL _w :17dB			
Fire reaction: (UNE 23727)	Dfl-S1			
Profiling system:	Tongue & Grove with 4 sided bevels.			
Warranty:	25 years for domestic use. Hygrometric pathologies are excluded.			

INSTALLATION: 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 elements. Check also that the concrete floors are perfectly executed (horizontal references, leveled, the right moisture content,... etc.) It must be verified that the residual humidity of the concrete subfloor is below 2,5%.

(**EYE:** If the installation is going to be under heating system, the humidity of the concrete subfloor 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%- 65%, not to have any future issue in terms of dimension, modifications in the floor. If the humidity is not kept, maintained under the previously mentioned values, the floor can have structural problems.