



ROYAL PARQUET

TECHNICAL DATA SHEET



Descriptions	Oxford Classic	Windsor Classic	Cambridge Classic	Herringbone	Chevron	American Walnut	Walnut Herringbone	Chelsea Square
Plank Size	150 x 1860 mm	189 x 1860 mm	240 x 2200 mm	90 x 600 mm	90 x 540 mm	150 x 1900 mm	122 x 488 mm	600 x 600 mm
Thickness	15/4mm	15/4mm	15/4mm	15/3mm	15/3mm	15/3mm	14/3mm	15/2mm
Top Layer	Matt finish	Matt finish	Matt finish	Matt finish	Matt finish	Matt finish	Matt finish	Matt finish
Pack Size	2.232 sqm	2.81232 sqm	3.168 sqm	2.16 sqm	1.966 sqm	2.28 sqm	1.90 sqm	2.16 sqm
Installation Method	Floating or Glue down	Floating or Glue down	Floating or Glue down	Glue down	Glue down	Floating or Glue down	Glue down	Glue down
Top Layer Species	European Oak	European Oak	European Oak	European Oak	European Oak	American Walnut	American Walnut	European Oak/American Walnut
Core Species	Spruce/Pine/Larch	Spruce/Pine/Larch	Spruce/Pine/Larch	Spruce/Pine/Larch	Spruce/Pine/Larch	Spruce/Pine/Larch	Spruce/Pine/Larch	Spruce/Pine/Larch
Grade	AB	AB	AB	AB	AB	ABC	ABC	AB
Board Type	Single Strip	Single Strip	Single Strip	Single Strip	Single Strip	Single Strip	Single Strip	Parquetry Design

Assessed Property	Classification or Test Method	Requirement	Result or Classification	Evaluation
Moisture Content	ČSN EN 13183-1	7 ±2 %	11,3 %	Fulfil
Width - permit deviation	ČSN EN 13647	±0,2 mm	0,3 mm	Fulfil
Reaction to Fire	ČSN EN 13501-1	-	Dfl-s1	Multi-layer parquet, with surface finish thickness15mm
Release of formaldehyde	ČSN EN 717-1	≤ 0,124 mg/m ³	≤ 0,012 mg/m ³	Fulfil
Emission of penachlorophenol	ČEN/TR 14823	≤ 5 ppm	≤ 5 ppm	Fulfil

Lacquer property assessed	Classification or Test Method	Result Matt Finish	Result Gloss Finish	Evaluation
UV System	-	UT1250 6g	/ UT7528 6g	UW0308 12g, UB0123 25g, UB1338 22g
Thickness in microscope	-	49 µm	43 µm	Measrued with a Leica digital camera microscope
Abrasion test	ENV14354 (12/16)	1300 revolutions	1700 revolutions	12/16 break-through means abrasion until 12 out of 16 sectors and 1 sector in each quadrant is worn off
Adhesion - coin test	-	Approved	Approved	Samples scratched with a coin
Adhesion cross cut	ISO 2409	GT 0/5B	GT 0/5B	GT 0/5B means the edges of cross cuts are intact after testing
Impact / fexibility	-	20cm/crack - 15cm no crack	25cm/crack - 15cm no crack	at 5cm intervals, steel ball 535 g and Ø 2 inches dropped
Gloss	-	3,3 -60 ° (Erichsen) 9,0 -85 ° (Trigloss)	21,1 -60 ° (Erichsen) 35-85 ° (Trigloss)	-
Scratch according to Minimartindale	CEN/TS 16611	Class 4	Class 4	Procedure B, 500 cycles according to a patterned scratch chart from 5-1 where 5 is best

Chemical Test	Classification or Test Method	Result Matt Finish	Result Gloss Finish	Evaluation
Ammonia	DIN68861-1	Not Approved	Not Approved	All of the approved samples left no remaining stain or discolouration of the surface after washing with water and a towel.
Red wine	DIN68861-1	Approved	Approved	
Vineager	DIN68861-1	Approved	Approved	
Coffee	DIN68861-1	Approved	Approved	
Ethanol 48%	DIN68861-1	Approved	Approved	
De-ionized water	DIN68861-1	Approved	Approved	
Coca Cola	DIN68861-1	Approved	Approved	
Orange juice	DIN68861-1	Approved	Approved	
Olive oil	DIN68861-1	Not Approved	Approved	
Black ink	DIN68861-1	Approved	Not Approved	