ROYAL PARQUET

American Black/Natural Walnut

Residential Warranty : 25 Years
Commercial Warranty : 10 Years

TECHNICAL DATA SHEET

American Walnut - 1 Strip - Grade: Variation

Thickness	Top Layer	Plank Size	Pack Size	Installation Method	Top Layer Species	Core Species	Board Type
15mm/3mm	Matt/Gloss Lacquer	150mm x 1900mm	2.28 Sqm	Uniclick - Floating or Glue down	American Walnut	Spruce/Pine/Larch	1 - strip

Assessed Property	Classsification 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 mm	Fulfil
Reaction to Fire	ČSN EN 13501-1	-	Dfl-s1	Multi-layer parquet, with surface finish thickness 15mm
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	Classsification 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)	21,1 -60 ° (Erichsen)	-
		9,0 -85 ° (Trigloss)	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	Classsification 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	