ROYAL PARQUET

BOA SUPREME

Residential Warranty : 25 Years
Commercial Warranty : 10 Years

TECHNICAL DATA SHEET

American Oak - Single Strip - Grade: Supreme

Thickness	Top Layer	Plank Sizes	Pack Sizes	Installation Method	Top Layer Species	Core Species	Board Type
5mm / 0.6mm	Matt / Gloss 20%	Plank :190 mm x 1220 mm	2.318 Sqm	Click	American Oak	SPC	1 - strip
		Herringbone: 127 mm x 635 mm	1.935 Sqm				

Nr,Certificate I Report	Norn,Standard	Results
Utilization class	EN 14354:2017	Class 23/31, suitable for generaland heavy residential
Resistance to indentation	EN IS34:2010	37 N/mm^2,Class 31
Thickness swelling in water	ISO 24336:2005	1.1%, Closs 33
Wear resistance	EN 14354:2017 Annex D	1900rounds. Class 31
Locking Strength	ISO 24334:2014	long side:7.0 kN/m; short side:16.7kN/m; Class 33
The body voltage	EN 1815:2016, Method A	0.2 KV
Thermal conductivity and thermal resistance	EN 12667:2001	Thormnl Conduetivity: 0.170(W/m·K); Thermal Resistance: 0.049(m^2•K)/W;
Phthalate content test	REACH	Non-detected, Qualified
Volatile Organic Compounds (VOC) Emission	ISO16000	A$^+$
Formaldehyde Emission	EN 717-1	E1
Reaction to Fire	EN 13501-1	CfIS1
PCP contect	CEN/TR 14823	Non-detected, Qualified
SVHCs	per newest REACH 2020, total 209 items	Non-detected, Qualified
Dimensional Stability	EN ISO 23999:2012, 70°C	<0.25%, Qualified
Slip Resistance	CEN/TS 15676	DS

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, Vineager, Orange juice, Coffee, Ethanol 48%, De-ionized water, Coca Cola	DIN68861-1	Approved	Approved	
Olive oil	DIN68861-1	Not Approved	Approved	
Black ink	DIN68861-1	Approved	Not Approved	