ROYAL PARQUET

# HERRINGBONE VARIATION

**Residential Warranty : 25 Years**

**Commercial Warranty : 10 Years**

TECHNICAL DATA SHEET

European Oak - Single - Strip - Grade: Variation

| Thickness | Top Layer | Plank Size | Pack Size | Installation Method | Top Layer Species | Core Species | Board Type |
|---|---|---|---|---|---|---|---|
| 15mm/4mm | Matt/Gloss Lacquer | 90mm x 600mm | 0.864 Sqm | T & G - Glue down only | European Oak | 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 | 0,3 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 | |