

| Tests | Standard | Measurement unit | Result |
|--|-----------------------|--|------------|
| 1. Inspection requirements | | | |
| Colour, pattern and surface finish | EN 438-8 Part 5.2.2.3 | Due to the fact that wood is a natural product, each veneer may be considered as unique. Slight colour and structure differences are considered as normal. Singularities such as knots and resin inclusions are not considered as defects, but as a part of the décor. There are differences in light fastness performances depending on the wood species and the source of the wood | |
| 2. Dimensional tolerances | | | |
| Thickness (t) | EN 438-2 Part 5 | mm | ± 0,15 |
| Length and width | EN 438-2 Part 6 | mm | +10 / - 0 |
| Edge straightness | EN 438-2 Part 7 | mm/m | 1,5 |
| Edge squareness | EN 438-2 Part 8 | mm/m | 1,5 |
| Planimetry | EN 438-2 Part 9 | mm/m | 120 |
| 3. Physical properties | | | |
| Resistance to abrasion | EN 438-2 Part 11 | Abrasion class | AC 6 |
| | | Revolutions | ≥ 8.500 |
| Resistance to immersion in boiling water | EN 438-2 Part 12 | Delamination Pass / Fail | Pass |
| Dimensional stability at high temperatures | EN 438-2 Part 17 | % max | 0,45 |
| | | % max | 0,9 |
| Impact resistance (small diameter ball) | EN 438-2 Part 20 | N | 12 (A) |
| Impact resistance (large diameter ball) | EN 438-2 Part 22 | mm | ≤ 1600 (B) |
| | | mm | < 10 |
| Resistance to scratching | EN 438-2 Part 25 | Rating | 4 |
| Resistance to stain | EN 438-2 Part 26 | Grupos 1 & 2 | ≥ 5 |
| | | Grupo 3 | ≥ 4 |
| Lightfastness (xenon arc) | EN 438-2 Part 27 | Grey scale rating | ≥ 2 |
| | | | < 2 (C) |
| Resistance to cigarette burns | EN 438-2 Part 30 | Rating | ≥ 4 |
| Density | EN ISO 1.183 | Classification | ≥ 1,0 |
| 4. Reaction to fire | | | |
| Reaction to fire | EN 13.501-1 | Classification | Bfl-s1 (D) |

(A) Laminate bonded to wood chipboard with a nominal thickness of 18 to 20 mm and a density of 680 +/- 20 Kg/dm³. The result will depend on substrate type and thickness and adhesive used.

(B) Laminate bonded to dry process fibreboard with a nominal thickness of 6 mm and a density of 850 +/- 50 Kg/dm³. The result will depend on substrate type and thickness and adhesive used.

(C) Reconstituted Oak

(D) Composite panels made by a non FIRE RETARDANT HPL adhered to a non fireproof wood substrate. Fire test performance will depend on substrate type and thickness, and adhesive used.