

| Tests | Standard | Property or attribute | Measurement unit | Resultado |
|--|---|---|--|---|
| | | | | Parklex FAcade F1 (Fire class) |
| | | | | Rev: 02 (04.2013) |
| 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. 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 | 8,0 ≤ t < 12,0 12,0 ≤ t < 16,0 16,0 ≤ t < 20,0 20,0 ≤ t < 25,0 | mm | ± 0,50 ± 0,60 ± 0,70 ± 0,80 |
| Flatness (1) | EN 438-2 Part 9 | 6,0 ≤ t < 10,0 10,0 ≤ t | mm/m | 5,0 3,0 |
| 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 |
| 3. Physical properties | | | | |
| Dimensional stability at elevated temperatures | EN 438-2 Part 17 | Cumulative dimensional change (t≥8 mm) | % max Longrain % max Crossgrain | 0,3 0,6 |
| Resistance to impact with large diameter ball | EN 438-2 Part 21 | Maximum height for which no visible surface cracking or imprint greater than 10mm (t≥ 8mm) | mm | ≥ 1.800 |
| Tensile strength | EN ISO 527-2 | Longrain Crossgrain | MPa | ≥ 60 |
| Determination of graffiti resistance | ASTM D 6578:2000 | Cleanability level | Permanent blue marker Spray red paint Wax black crayon Water based black marker | 4 4 1 2 |
| 4. Weather resistance requirements | | | | |
| Resistance to UV light | EN 438-2 Part 28 Rating according to EN 20105 – A02 | Contrast Aspect | Grey scale rating Rating | ≥ 3 ≥ 4 |
| Resistance to artificial weathering (including light fastness) | EN 438-2 Part 29 Rating according to EN 20105 – A02 | Contrast Appearance | Grey scale rating Rating | ≥ 3 ≥ 4 |
| 5. CE Safety requirements | | | | |
| Water vapour permeability | EN 438-7 Part 4.4 | Wet cup method Dry cup method | μ | 110 250 |
| Resistance to fixings | EN 438-7 Part 4.5 | Screw holding value t ≥ 8 mm Screw holding value t ≥ 10 mm | N | > 3.000 > 4.000 |
| Flexural strength | EN ISO 178 | Longrain Crossgrain | MPa | ≥ 80 ≥ 80 |
| Flexural Modulus | EN ISO 178 | Longrain Crossgrain | MPa | ≥ 9.000 ≥ 9.000 |
| Thermal resistance/Conductivity | EN 12664 | Thermal conductivity (λ) | W/m K | 0,281 |
| Resistance to climatic shock | EN 438-2 Part19 | Appearance Flexural strength Elastic modulus | Rating Ds Rating Dm Rating | ≥ 4 ≥ 0,95 ≥ 0,95 |
| Density | EN ISO 1.183 | Density | g/cm ³ | ≥ 1,35 |
| Resistance to wet conditions | EN 438-2 Part 15 | Moisture absorbed Appearance | % Rating | ≤ 8 ≥ 4 |
| 6. CE Safety requirements - Reaction to fire | | | | |
| Reaction to fire | EN 13.501-1 | Euroclase t ≥ 8 mm | Classification | B-s1,d0 |

(1) Provided that the laminates are stored in the manner and conditions recommended by the manufacturer.