

# TECHNICAL DATA

| Test Item                                                  | Test Method                     | Results                                                                        |
|------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------|
| Wear resistance                                            | EN 13329:2016 Annex E           | >4000                                                                          |
| Resistance to impact by large diameter ball                | EN 13329:2016+A1:2008, Annex F  | Pass                                                                           |
| Micro-scratch resistance                                   | EN 16094:2012, Procedure B      | MSR-B2                                                                         |
| Castor chair test                                          | EN 425:2002                     | Pass                                                                           |
| Residual Indentation                                       | ISO 24343-1:2012                | 0.02 mm.                                                                       |
| Resistance to staining                                     | EN 438-2:2016,Section 26        | Rating 5 (No change)                                                           |
| Locking strength                                           | ISO 24334:201                   | Long side joint: 2298N,Short side joint: 352N                                  |
| Dimensional stability and curling by heated 60°            | ISO 23999:2008                  | Length direction: 0.00%<br>Width direction: 0.10%, curling: 2.0 mm.            |
| Dimensional stability and curling by cool -30°             | ISO 23999:2008                  | Length direction: 0.00%<br>Width direction: 0.00%, curling: 2.0 mm.            |
| surface bonding                                            | EN 319:1993                     | Mean: 2.64 Mpa, wood veneer tesring, no peel between base and veneer           |
| Swelling and water absorprtion                             | EN 317:1993                     | Mean Swelling: 0.38% in thickness<br>Mean Water absorption: 0.36% in thickness |
| Film hardness                                              | ISO 15184:1998                  | 3H                                                                             |
| Thermal conductivity and thermal resistance                | EN 12667:2001                   | Thermal Conductivity:0.174W/m.K<br>Thermal Resistance: 0.034(m2.K)W            |
| Soluble elements analysis in non-surface coating materials | ASTM F963-17 clause 4.3.5.2(2)b | Not detected                                                                   |
| Phthalate content test                                     | ISO 8124-6:2018                 | Not detected                                                                   |
| Formaldehyde content test                                  | EN 717-1:2004                   | Not detected                                                                   |

