

## TECHNICAL DATA



| DESCRIPTION                  | Standard                             | Result                                                                                                           |
|------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Total thickness              | EN428                                | 2.0mm<br>Tolerance of +0.10mm, -0.1mm                                                                            |
| Wear Layer                   | EN428/ENISO24340                     | 0.30mm                                                                                                           |
| Plank Size                   | EN427                                | 1220x230x2.0mm                                                                                                   |
| Flexibility                  | ASTM F 137-13<br>EN435               | Pass<br>No Crack or Break                                                                                        |
| Squareness                   | ASTM F2055-10                        | ≅ 0.25mm                                                                                                         |
| Surface Treatment            | -                                    | Urethane Ceramic Bead                                                                                            |
| Number of planks per package | -                                    | 18                                                                                                               |
| CLASSIFICATION               | Standard                             | Result                                                                                                           |
| Performance classification   | EN685/EN ISO 10874<br>ASTM F 1700    | 31 Commercail heavy<br>23 Domestic heavy<br>Class III Type B                                                     |
| Slip resistance              | EN 13893<br>DIN 51130<br>ASTM C-1028 | Class DS<br>R9<br>Dry: 0.8<br>Wet: 0.7                                                                           |
| Static coefficient friction  | ASTM D2047-11                        | Dry: 0.42<br>Wet: 0.69                                                                                           |
| PERFORMANCE                  | Standard                             | Result                                                                                                           |
| Wear resistance              | ASTM D3389-15                        | Type of wheels: H-18<br>Vertical force used: 1000g<br>Revolution: 1000r<br>Mass loss: 128mg<br>Wear Index: 0.128 |
| Static load                  | ASTM F-970-07(R2011)                 | 0.02mm                                                                                                           |
| Resistance to Light          | EN ISO 105-B02<br>ASTM F-1515-13     | ≧ 6<br>E*=0.73                                                                                                   |
| Dimensional stability        | EN434<br>ASTM F 2199-09              | ≧ 0.1%<br>-0.16mm/179mm                                                                                          |
| Resistance to impact         | ASTMF 1265                           | No crack                                                                                                         |
| Residual indentation         | EN433<br>ASTM F 1914-11              | ≧ 0.05mm<br><5%                                                                                                  |
| Abrasion resistance          | EN 660-2<br>ASTM 3389                | Group T<br>Pass<br>Wear Index: 0.128                                                                             |
| Resistance to heat           | ASTM F 1514-13                       | E=0.19                                                                                                           |
| Reaction to fire             | EN 13501-1<br>ASTM E-648-06          | Bft - S1<br>Class 1                                                                                              |
| Smoke desity                 | ASTM E662                            | Pass                                                                                                             |
| Chemical resistance          | ASTM F925-13                         | Pass, No more than a slight change in surface dulling, surface attack or staining                                |
| Castor chair suitability     | EN 425<br>NALFA/ANSI LF-11           | Pass<br>No visible damage after 35000 revolution                                                                 |
| Underfloor heating           |                                      | Suitable, max 27°C                                                                                               |
| VOC emissions                | FloorScore<br>DIBT                   | Certified<br>Certified                                                                                           |
| CE MARKING                   |                                      |                                                                                                                  |
|                              | EN14041                              |                                                                                                                  |