

# BIYORK RIPTIDE TECHNICAL DATA

## PRODUCT INFORMATION

| Plank Size<br>(Length x Width x Height)    | Edge Profile     | Finish              | Underlayment | Wear Layer | Gloss Level | Installation              | Radiant Heat |
|--------------------------------------------|------------------|---------------------|--------------|------------|-------------|---------------------------|--------------|
| 47.87" X 7.72" X 1/2"<br>1216 X 196 X 12mm | Painted<br>Bevel | Overall<br>Embossed | N/A          | AC4 (58g)  | 7-11°       | Valinge 5G<br>Click Float | Approved     |

## WARRANTY

## PACKAGING

| Residential | Light<br>Commercial | Planks Per<br>Carton | Square Footage Per Carton | Carton Dimensions<br>(Length x Width x Height) | Carton<br>Weight | Cartons Per Pallet | Square Footage<br>Per Pallet |
|-------------|---------------------|----------------------|---------------------------|------------------------------------------------|------------------|--------------------|------------------------------|
| 30 Years    | 5 Years             | 6                    | 15.39 SF                  | 1230 X 206 X 75mm                              | 15.05 KG         | 65                 | 1000.35 SF                   |

## TESTING

| Reference                                                                                                                                 | Test Method                                       | Result                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------|
| Squareness of the Elements ( $\leq 0.20\text{mm}$ )                                                                                       | EN 13329                                          | $\leq 0,10\text{mm}$                                                                    |
| Determination of Linearity ( $\leq 0.30\text{mm}$ )                                                                                       | EN 13329                                          | $\leq 0,15 \text{ mm/m}$                                                                |
| Opening Between Installed Elements                                                                                                        | EN 13329                                          | (Average $\leq 0.05 \text{ mm}$ )                                                       |
|                                                                                                                                           |                                                   | (Max. $\leq 0.10 \text{ mm}$ )                                                          |
| Flatness of Elements                                                                                                                      | EN 13329                                          | Width Flatness (Y): Concave -0.05%, Convex 0.05%                                        |
|                                                                                                                                           |                                                   | Length Flatness (X): Concave -0.11%, No Convex                                          |
| Utility Class 23<br>Domestic Areas with Intensive Use                                                                                     | EN 13329                                          | Living Room, Hallways, Kitchen, Home Office                                             |
| Utility Class 31<br>Commercial Areas with Low Use                                                                                         | EN 13329                                          | Hotels, Small Offices                                                                   |
| Abrasion                                                                                                                                  | NALFA LF 01 3.7                                   | AC4                                                                                     |
| Impact resistance (Small Ball)                                                                                                            | EN 13329, Annex H                                 | 20N                                                                                     |
| Impact Resistance (Big Ball)                                                                                                              | EN 13329, Annex H                                 | $\geq 500\text{mm}$                                                                     |
| Reaction to Fire                                                                                                                          | EN 13501-1                                        | Bfl - s1                                                                                |
| Slip Resistance                                                                                                                           | ASTM C1028-07                                     | Dry Condition: 0.88                                                                     |
|                                                                                                                                           |                                                   | Wet Condition: 0.68                                                                     |
| Staining Resistance                                                                                                                       | 13329:2016+A1:2017<br>& EN 438-2: 2016 Section 26 | Rating 5: No Change (See Annex A)                                                       |
| Light Fastness                                                                                                                            | EN ISO 4892-2                                     | Grey Scale: 4-5                                                                         |
| Resistance to Roller Castor Chairs                                                                                                        | 13329:2016+A1:2017<br>& EN 425:2002               | Type W, No Visible Changes                                                              |
| <b>Thermal Resistance</b><br>Suitable for installation over underfloor heating when<br>using an appropriate underlay and moisture barrier | EN 12664                                          | Approved                                                                                |
| Moving a Furniture Leg                                                                                                                    | 13329:2016+A1:2017<br>& EN 424:2001               | X direction: No Visible Damage<br>Y direction: No Visible Damage                        |
| Indentation-Residual                                                                                                                      | 13329:2016+A1:2017<br>& EN 424:2001               | Average: 0.01mm                                                                         |
| Formaldehyde Emission (E1 = 0.1 ppm)                                                                                                      | NALFA LF 01 3.11<br>ASTM 06007                    | Pass                                                                                    |
| Locking Strength of Mechanically Assembled Panels                                                                                         | EN 13329                                          | Pass                                                                                    |
| Acoustical - Impact Noise Reduction                                                                                                       | ISO 717-2                                         | $\Delta L_w = 17\text{dB}$                                                              |
| Dimensional Stability                                                                                                                     | EN 13329, Annex C                                 | $\leq 0,9\text{mm}$                                                                     |
| Thickness Swelling                                                                                                                        | NALFA LF 01 3.2                                   | 5%                                                                                      |
| Surface Soundness                                                                                                                         | EN 13329, Annex D                                 | Average Value: 1.37 Mpa                                                                 |
| Scratch Resistance                                                                                                                        | EN 438                                            | Level 4                                                                                 |
| Antimicrobial                                                                                                                             | ASTM E 2180-18                                    | Staphylococcus Aureus: >99.9<br>Candida Albicans: >99.4<br>Escherichia Coli ATCC: >99.9 |

**www.BIYORKCANADA.COM**

Biyork product specifications are subject to change.  
Please always refer to a physical sample for reference.  
All Rights Reserved 2024