



| Construction            |   |  |
|-------------------------|---|--|
| Type                    | Expert  |  |
| Widths                  | 4 1/8" (104.8 mm), 5 3/16" (132 mm)   |  |
| Length - Random-Lengths | 4 1/8" - Min. 18", Avg. 42", Max. 76" (Min. 457 mm, Avg. 1,067 mm, Max. 1,930 mm), 5 3/16" - Min. 18 1/2", Avg. 42", Max. 71" (Min. 470 mm, Avg. 1,067 mm, Max. 1,803 mm) |  |
| Edges                   | Micro-V on all 4 sides  |  |
| Joint                   | Tongue and groove   |  |
| Thickness               | <b>Total</b>  | 3/4" (19 mm)                                       |
|                         | <b>Wear Layer</b>   | 7/32" (5.4 mm) dry solid sawn                      |
|                         | <b>Core</b>   | 35/64" (13.9 mm) Canadian SPF bed of wood stickers |
| Relative Humidity       | 30% - 80%   |  |
| Fabrication             | Made in Canada (Quebec)   |  |

| Products              |   |
|-----------------------|---|
| Series                | Atlantis, Authentik   |
| Species               | Beech, Red Oak  |
| Grade                 | Character   |
| Grade Description     | Please refer to the Species and Grade Guides available in the "Useful Literature" section of the website. |
| Styles                | Antique, Character  |
| Textures              | Écho, Wire Brushed  |
| Sheens (Gloss Levels) | Matte (10%), Pearl (20%)  |
| Colors                | Costa, Cyrena, Épic, Natural, Absolut, Candor, Drama, Ethika, Quiet, Nostalgia, Onesta, Sincero           |

| Finish   |   |   |  |
|--|---|---|--|
| Titanium™ Finish                               | Polymerized titanium finish enhanced with nanotechnology                            |   |  |
| Characteristics                                | <b>Appearance:</b> Superior   | <b>Durability:</b> Superior   |  |
|  | <b>Gloss losing resistance:</b> Superior  | <b>Stain Resistance:</b> Superior   |  |
|  | <b>Easy to maintain:</b> Superior   | <b>Easy to repair:</b> Superior   |  |
|  | <b>Solvent &amp; Water:</b> Free  | <b>Formaldehyde:</b> Free   |  |
|  | <b>UV Rays Protection</b>   | Sunshield™  |  |
| Antimicrobial Protection ISO 22196 & ASTM G-21 | Ultra Fresh (Ultra-Fresh is a registered trademark of Thomson Research Associates.) |   |  |
| Static Friction Coefficient ASTM D-2394-99     | Slippery resistance coefficient more than 0.5                                       |   |  |
| Pure Genius® Smart Floor Technology            | Air-Purifying Titanium Dioxide Photocatalytic Agent                                 |   |  |
|  | <b>NOX Removal:</b>   | Superior - 0.35lbs / year / 454 ft <sup>2</sup> - ISO 22197-1   |  |
|  | <b>Formaldehyde Removal:</b>  | Superior - 85% - ISO 22197-4  |  |
|  | <b>Acetaldehyde Removal:</b>  | Superior - 98% - ISO 22197-2  |  |
|  | <b>Antimicrobial Properties:</b>  | Superior - E.coli (ATCC 8739) 99.65%; S.aureus (ATCC 6538P) 99.63%; K.pneumoniae (ATCC 4352) 99.7% - ISO 27447:2009 |  |
|  | <b>Availability:</b>  | Standard on all products.   |  |
|  | <b>Technology:</b>  | Contains ACTIO2™ licensed by Välinge Photocatalytic AB  |  |

| Installation, Usage, Warranties & Accessories                 |   |   |   |
|---|---|---|---|
| Installation  | <b>Levels:</b>                                  | Basement, main and upper floors   | <b>Methods:</b> Stapled or glued*   |
|   | <b>Subfloors:</b>                               | Ceramic, vinyl, concrete, plywood or OSB 3/4"<br>Permits installation on slightly uneven sub-floors | *The use of straps and clamps is highly recommended to avoid gaps between boards. |
| Radiant Heat  | Compatible                                      |   |   |
| Maintenance   | Recommended hardwood flooring cleaning products |   |   |
| Uses  | Residential & light commercial                  |   |   |
| Warranties<br><i>(Please refer to the Installation Guide)</i> | <b>Structural:</b>                              | Lifetime  |   |
|   | <b>Finish wear-through:</b>                     | <b>Residential:</b> 30 years  | <b>Light Commercial:</b> 5 years  |
| Available Moldings  | <b>Round Stair Nosing:</b>                      | 84" L x 3 1/8" W x 7/16" H (2,133 mm L x 79 mm W x 11 mm H)   | <b>Reducer:</b> 84" L x 2" W x 7/16" H (2,133 mm L x 51 mm W x 11 mm H)           |
|   | <b>Square Stair Nosing:</b>                     | 84" L x 4 1/4" W x 3/4" H (2,133 mm L x 108 mm W x 19 mm H)   | <b>Quarter Round:</b> 84" L x 3/4" W x 3/4" H (2,133 mm L x 19 mm W x 19 mm H)    |
|   | <b>T-Molding:</b>                               | 84" L x 2" W x 3/4" H (2,133 mm L x 50.8 mm W x 19 mm H)  | <i>Please refer to our Molding Guide for more information.</i>                    |
|   | <b>Threshold:</b>                               | 84" L x 2 1/8" W x 3/4" H (2,133 mm L x 53.98 mm W x 19 mm H)                                       |   |

| Product standards                    |  |
|--------------------------------------|--|
| Formaldehyde Emission ASTM D6007-14  | Below limit of quantitation of 0.008 ppm                   |
| VOC Total ASTM-D-6670-01             | 0.003 ppm (depends on wood species)                        |
| Surface Burning ASTM-E84             | Classe 3 or C  |
| R Value                              | R 0.44 to 0.51 (depends on wood species)                   |
| Critical Radiant Flux ASTM-E-648-94a | 0.25 - 0.40 watt/cm <sup>2</sup> (depends on wood species) |

| Certifications      |   |
|---------------------|---|
| FSC®                | Available on demand   |
| LEED                | Qualifies for LEED credits project - Please refer to Eco-declaration EV15-1067-03 |
| CARB 93120 Phase II | Compliant   |
| Lacey Act           | Compliant   |

More details on the back

|   |  |   |
|---|--|---|
| <b>Packaging</b>  | 4 1/8" (104.8 mm)  | 5 3/16" (132 mm)  |
| <b>Coverage per box</b>                                 | 17.6 ft <sup>2</sup> (1.64 m <sup>2</sup> )                            | 20.15 pi <sup>2</sup> (1.87 m <sup>2</sup> )                            |
| <b>Size of a box</b>                                    | 79 11/16" L x 8 21/32" W x 3 3/16" H (2,024 mm L x 220 mm W x 81 mm H) | 73 27/64" L x 10 35/64" L x 3 5/64" H (1,865 mm L x 268 mm L x 78 mm H) |
| <b>Weight of a box</b>                                  | 24 lbs (varies depending on species)                                   | 45 lbs (varies depending on species)                                    |
| <b>Boxes per pallet</b>                                 | 52   | 52  |
| <b>Coverage per pallet</b>                              | 915.2 ft <sup>2</sup> (85.02 m <sup>2</sup> )                          | 1,048 pi <sup>2</sup> (97.36 m <sup>2</sup> )                           |
| <b>Size of a pallet</b>                                 | 84" L x 48" W x 48" H (2,133.6 mm L x 1,219.2 mm W x 1,219.2 mm H)     | 78" L x 48" L x 48" H (1880 mm L x 1,219.2 mm L x 1,219.2 mm H)         |
| <b>Relative Species Hardness</b>                        |  |   |
| <b>NWFA Janka</b>                                       | <b>Red Oak:</b> 1,290 lbs - average hardness                           | <b>Beech:</b> 1,300 lbs - 1% harder                                     |
| <b>Hardness Test (ASTM-D-143)</b>                       |  |   |
| Red Oak 1290 lbs* - 100% *lbs = Applied force in pounds |  |   |