# Vesper



## PRODUCTINFORMATION

| | |
|---|---|
| **Species** | European Oak |
| **Surface texture** | Smooth |
| **Finish** | Oil |
| **Grade options** | Plank: Premier 1-bis, Natural<br>Herringbone grades: Premier 1-bis, Natural<br>Chevron: Premier 1-bis, Natural<br>Tile: Premier 1-bis |
| **Construction** | **Duoplank®**<br>Engineered |

## DIMENSIONS

| | |
|---|---|
| **Thickness** | 15 mm (5/8") |
| **Plank widths** | 180, 240 mm (7", 9 1/2") |
| **Plank lengths** | 1080, 1230, 1480, 1800, 1980, 2230, 2480, 3000 mm (3'7", 48 7/16", 58 1/4", 70 7/8", 77 15/16", 87 13/16", 97 5/8", 9'10") |
| **Herringbone dimensions** | Tailor made |
| **Tile dimensions** | Tailor made |

## USAGE

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|---|---|
| **Recommended usage** | Suitable for use in all project sectors: Residential, Commercial, Hospitality, Retail, Yachting |
| **Maintenance** | Hakwood Clean & Hakwood Oil Care |

## INSTALLATION

| | |
|---|---|
| **Plank** | Glue down 4-side tongue & groove |
| **Herringbone** | Glue down 1 side tongue, 2 side groove |
| **Chevron** | Glue down 1 side tongue, 2 side groove ( includes left & right elements) |
| **Tiles** | Glue down 4 side groove |

## SUBFLOOR HEATING & COOLING

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|---|---|
| **Compatibility** | Guarantee available when installed and maintained in accordance with Hakwood Subfloor Heating & Cooling document |

| SUSTAINABILITY | | TEST METHOD | CERTIFICATE/RESULT |
|---|---|---|---|
| | FSC certified (Mix) | FSC-STD-40-004 | FSC® Certicate-Code: SCS-COC-000609 |
| | Environment Product Declaration (EPD) | EN 15804 +A2 (+indicators A1) | MRPI Registration 1.1.00639.2024 |
| | Indoor Air Comfort Gold | Different European and Asian regulations | LEED, BREEAM and WELL Compliant |
| | Indoor Air Comfort USA | CDPH/EHLB/Standard method V1.2 | LEED Compliant |
| | Ecovadis | Sustainability rating | Bronze (Top 35% worldwide) |

| ENGINEERED WOOD FLOORING STANDARD | | TEST METHOD | CERTIFICATE/RESULT |
|---|---|---|---|
| | **CE (Conformité Européenne)**<br>European standard | EN 14342 | CE Compliant |
| | **UKCA (United Kingdom Conformity Assessment)**<br>United Kingdom standard | EN 14342 | UKCA Compliant |
| | **NWFA (National Wood Flooring Association)**<br>United States standard | ANSI/HPVA EF2009 | NWFA Compliant |

| LOW EMITTING MATERIALS | | TEST METHOD | CERTIFICATE/RESULT |
|---|---|---|---|
| | **E1 certificate** | EN 717-7 | E1 compliant & E2 compliant |
| | **California Air Resources Board (CARB)**<br>Certificate for formaldehyde | ASTM E1333 | CARB 2 Compliant |
| | **émissions dans l'air intérieur A + label**<br>France national Volatile Organic Compound (VOC) A+ label | ISO16000p 3,6,9 | A+ very low-emission |
| | **AgBB**<br>German label for low emissions | ISO 16000 | AgBB Compliant |
| | **CA 01350**<br>California Section 01350 Test for VOC Emissions | CDPH/EHLB/Standard method V1.2 | LEED Compliant |

| SLIP RESISTANCE | | TEST METHOD | CERTIFICATE/RESULT |
|---|---|---|---|
| | Unpolished Slip Resistance Value | CEN/TS 15676 | 59 USRV |
| | **Anti-slip property**<br>Angle of acceptance | DIN 51130 | R9 (range 6°-10°) |
| | **Anti-slip property**<br>Angle of inclination | DIN 51097 / GUV-I 8527 | B |

| SOUND REDUCTION | | TEST METHOD | CERTIFICATE/RESULT |
|---|---|---|---|
| | Impact sound reduction | EN ISO 140-8<br>EN ISO 717-2 | 15mm (5/8"): 16dB [Lw]<br>20mm (3/4"): 14dB [Lw] |

| SCRATCH RESISTANCE | | TEST METHOD | CERTIFICATE/RESULT |
|---|---|---|---|
| | Scratch resistance | DIN 68861 | 4E |

| REACTION TO FIRE | | TEST METHOD | CERTIFICATE/RESULT |
|---|---|---|---|
|  | **EN14342**<br>Wood flooring + characteristics, evaluation of conformity and marking | EN 13501-1 | 15mm (5/8"): Cfl-s1 |
|  | **Flame spread & smoke development** | ASTM E648 | 15mm (5/8"):Class II |

The Netherlands
+31 183 504 266
sales@hakwood.com

United States
+1 630 219 3388
ussales@hakwood.com

Dubai
+971 555 069 524
hwme-sales@hakwood.com