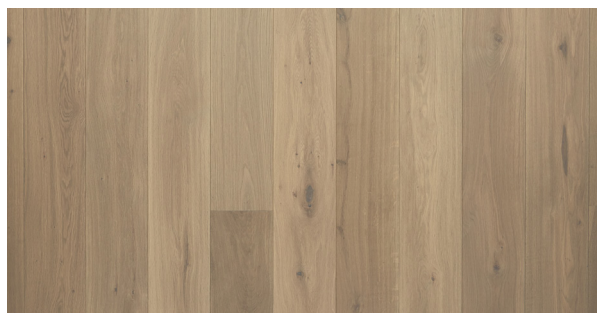







Brave




Lite Collection



PRODUCT INFORMATION

| | | |
|---|------------------------|---|
|  | Species | European Oak (Quercus Robur/Petrea) |
|  | Surface texture | Smooth |
|  | Finish | Oil |
|  | Grades | Plank options: Standard, Exclusive |
|  | Construction | DuoPlank® Engineered |

DIMENSIONS

| | | |
|---|------------------|--|
|  | Thickness | 14 mm (9/16") |
|  | Widths | 180 (7") |
|  | Lengths | 1090, 1220, 1470, 1790, 1970, 2100, 2190, 2220, 2400, 2470 mm (3'7", 4', 4'10", 5'11", 6'6", 6'11", 7'2", 7'3", 7'10", 8'1") |


INSTALLATION

| | | |
|---|--------------|--|
|  | Plank | Glue down, floating 4-side tongue & groove |
|---|--------------|--|

USAGE

| | | |
|---|--------------------------|---|
|  | Recommended usage | Suitable for use in all project sectors: Residential, Commercial, Hospitality, Retail |
|---|--------------------------|---|

SUBFLOOR HEATING & COOLING

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

SUSTAINABILITY

TEST METHOD





MINIMUM REQUIREMENT

| | | |
|----------------------------|--|---------------------------------------|
| FSC certified (Mix) | | FSC® Certificate-Code: SCS-COC-000609 |
|----------------------------|--|---------------------------------------|


Version June 2023

| ENGINEERED WOOD FLOORING STANDARD | TEST METHOD | MINIMUM REQUIREMENT |
|--|------------------|---------------------|
|  CE (Conformité Européenne) European standard | EN 14342 | CE Compliant |
| NWFA (National Wood Flooring Association) NWFA (National Wood Flooring Association) | ANSI/HPVA EF2009 | NWFA Compliant |

LOW EMITTING MATERIALS

| | | |
|---|---|-----------------------------|
|  E1 certificate | EN 717-7 | E1 Compliant & E2 Compliant |
| California Air Resources Board (CARB) Certificate for formaldehyde | ASTM E1333 | CARB 2 Compliant |
|  Émissions dans l'air intérieur A+ label France national Volatile Organic Compound (VOC) A+ label | ISO 16000p 3,6,9 | A+ / very low-emission |
|  AgBB German label for low emissions | ISO 16000 | Meets requirements |
|  CA 01350 California Section 01350 Test for VOC Emissions | CA DPHS Standard Practice Section 01350 | CA 01350 Compliant |



SLIP RESISTANCE

| | | |
|---|--|--|
|  EN14342 Wood flooring - characteristics, evaluation of conformity and marking | CEN/TS 15676 Determination of the anti-skid properties | 59 USRV Unpolished Slip Resistance Value |
| | DIN 51130 | R9 (range 6° - 10°) |
| | DIN 51097 / GUV-I 8527 | B |

SCRATCH RESISTANCE

| | | |
|--|-----------|----|
|  EN14342 | DIN 68861 | 4E |
|--|-----------|----|

REACTION TO FIRE

| | | |
|---|----------------|----------|
|  EN14342 Wood flooring + characteristics, evaluation of conformity and marking | EN 13501-1 | Cfl-s1 |
|  Flame spread & smoke development | ASTM E85 | Class C |
| | NFPA 102 | Class C |
| | ASTM E648-10NY | Class II |