

Engineered 1/2" x 6 1/2" platform



Product Technical Specifications

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| Nature of material | Top layer: Hardwood, 4 mm thick Base: 9-ply crossed hardwood plywood |
| Dimensions | Thickness: 1/2" (12,7 mm) Width: 6 1/2" (165 mm) Lengths: Random, from 16" to 85" (407 mm to 2 159 mm) May occasionally include 12" (305 mm) boards |
| Profiling | Micro v-joint on 4 sides |
| Moisture content | Between 6% and 9% |
| Species and Janka hardness (lb) | White Oak (1 360), Red Oak (1 290), Hard Maple (1 450), Hickory (1 820), American Walnut (1 010) |
| Available grades | Authentic and R&Q |
| Colors | Refer to the current Mercier Product Chart |
| Accessories | T-Moldings, Quarter Rounds, Thresholds, Reducers, Stair nosings, Vents Touch-up kits, Maintenance kit |

Finishes and Warranties



Mercier Generations Finish

Acrylate polymer-based finish consisting of UV-cured polyurethane and reinforced with suspended aluminum oxide particles.

Available glosses: Satin (30°), Matte and Matte-brushed (10°), according to the wood species.

Warranties

35 years for normal residential use
5 years for light commercial use
Structural lifetime warranty



Generations Intact 2500 Finish

Finish composed of microfragmented aluminum particles (AL₂O₃) in suspension in a UV-cured polyurethane resin.

Available glosses: Intact (25°) and Intact-brushed (25°), according to the wood species.

Warranties

50 years for normal residential use
10 years for light commercial use
3 years for commercial use with direct outdoor access
Structural lifetime warranty

Non-yellowing: The non-yellowing formula in the finishes reduces the natural wood board yellowing process.

Antimicrobial: The Ultra-fresh™ antimicrobial coating helps maintain excellent hygiene by reducing the risk of spreading bacteria and mildew and adds an additional level of protection for hygienic and sanitary floors.

| Packaging | Number of boxes | Content | Width | Length | Height | Weight |
|-----------|-----------------|-------------------------------------|-------|--------|--------|---------------------------------------|
| Box | | 22 sq. ft. (2 m ²) | 6 ¾" | 88" | 3" | 43 ½ lb (20 kg) |
| Pallet | 60 | 1 320 sq. ft. (123 m ²) | 42" | 88" | 36" | 2 300 to 2 700 lb (1 043 to 1 225 kg) |

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Installation

Types of installation Nailed, Glued, Stapled or Floating* (*Except Hickory)

Subfloor

- OSB or 3/4" (19 mm) plywood
Joists spaced no more than 19" (48,3 cm) C-C
- 5/8" (16 mm) plywood
Joists spaced no more than 16" (40,6 cm) C-C
- Concrete slab

Installation sites Basement, first floor and upper floors

Radiant heated floor Yes. Refer to the Technical bulletin #5 for more details.

VOC / Formaldehyde

VOC-free and formaldehyde-free finish: ASTM D-5116

Greenguard Gold certification: Applies to all species, widths and colors.

Phtalate-free finish: OSHA method 104

EPA TSCA Title VI compliant

Maximum Greenguard Gold emission criteria

| | |
|-----------------|-------------------------------|
| TVOC | ≤ 0,22 mg/m ³ |
| Formaldehyde | ≤ 0,0073 ppm |
| Total Aldehydes | ≤ 0,043 ppm |
| I VOCs | ≤ 1/100 TLV and ½ chronic REL |

Applicable standards

Surface burning ASTM-E-84 Class C (varies according to the wood species)
Flame Spread Index: 100 to 150
Smoke Development: 75 to 400 according to the wood species

Surface burning CAN/ ULC-S102.2 Flame Spread Index (FSR): 130
Smoke Development (SDC): 255

Abrasion resistant finish (Taber test) **Mercier Generations finish:** Nema LD3: 1 000 cycles
Generations Intact 2500 finish: Nema LD3: 2 500 cycles

Static friction coefficient ASTM D2394 **Mercier Generations finish (according to the gloss)**
Satin: 0,57 | Matte and Matte-brushed: 0,68
Generations Intact 2500 finish (according to the gloss)
Intact: 0,56 | Intact-brushed: 0,56

Certifications



The information in this document was accurate at the time of publication. Mercier Wood Flooring reserves the right to change the products or products characteristics at any time without notice.