

SPECIFICATIONS

7.08" x 47.64" (180 x 1210 mm) plank size
 (10 pieces/carton=23.44 sq. ft.) Gauge: 5.0 mm / Wear Layer: 12 mil
 25 Year Residential / 10 Year Commercial Limited Warranty

ACCENT-BEVEL **EDGE™**
 PROFILE

12
 MIL **DROPLock 100™**



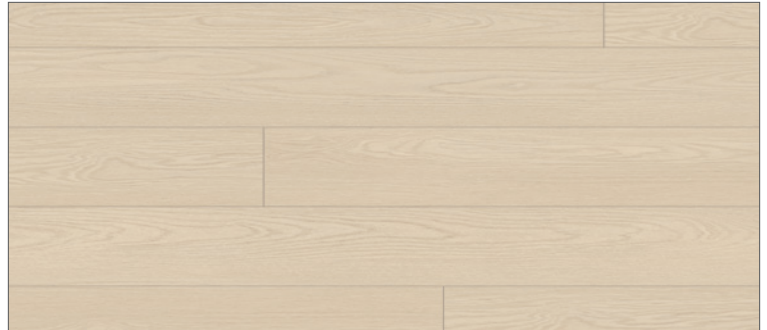
CHURCH STREET MAPLE 7950
 Natural Timber Embossing



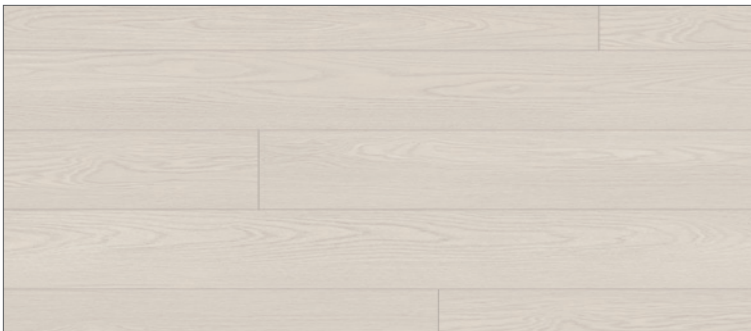
SANTA RITA PINE 7954
 Natural Timber Embossing



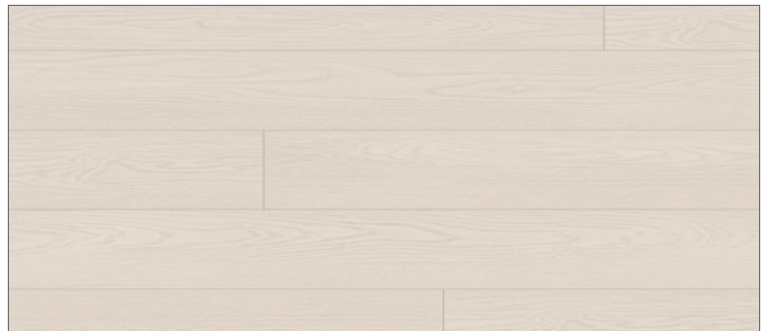
BONDI 7957
 Natural Timber Embossing



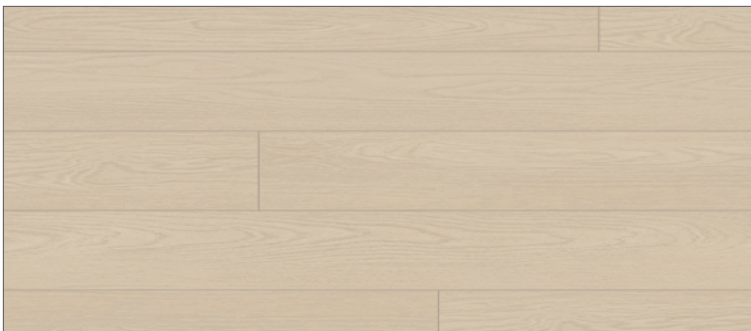
RELAXED OAK CA301-12M
 Enhanced Grain Embossing



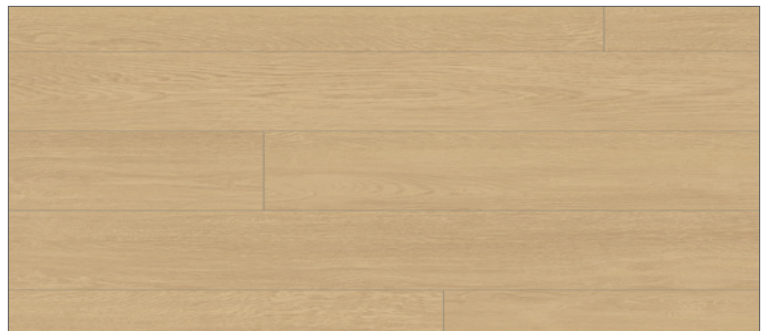
SERENITY OAK CA302-12M
 Enhanced Grain Embossing



MEDITATION OAK CA303-12M
 Enhanced Grain Embossing



CALMING OAK CA305-12M
 Enhanced Grain Embossing



COTTAGE OAK FR405-12M
 Barnside Embossing

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ACCENT-BEVEL EDGE™
 PROFILE

12 DROPLock 100™
MIL



RIDGEBACK / 7800
 ACCENT BEVEL EDGE, NATURAL TIMBER FINISH



METROPOLIS / 7801
 ACCENT BEVEL EDGE, NATURAL TIMBER FINISH



MERCURY / 7803
 ACCENT BEVEL EDGE, NATURAL TIMBER FINISH



BISTRE / 7804
 ACCENT BEVEL EDGE, NATURAL TIMBER FINISH



ARMOR / 7805
 ACCENT BEVEL EDGE, NATURAL TIMBER FINISH



CHANNEL / 7810
 ACCENT BEVEL EDGE, BARNSIDE FINISH



BEE HIVE / 7811
 ACCENT BEVEL EDGE, BARNSIDE FINISH



RIVER BANK / 7815
 ACCENT BEVEL EDGE, SAWCUT FINISH



LIGHT TIMBER / 7819
 ACCENT BEVEL EDGE, NATURAL TIMBER FINISH



OXIDIZED / 7820
 ACCENT BEVEL EDGE, NATURAL TIMBER FINISH



CHINCHILLA / 7825
 ACCENT BEVEL EDGE, NATURAL TIMBER FINISH



TOASTED MAPLE / 690412
 ACCENT BEVEL EDGE, BARNSIDE FINISH



GOLDEN MAPLE / 690812
 ACCENT BEVEL EDGE, BARNSIDE FINISH



GUNSTOCK OAK / 691012
 ACCENT BEVEL EDGE, BARNSIDE FINISH



SUGAR WOOD MAPLE / 691412
 ACCENT BEVEL EDGE, NATURAL TIMBER FINISH

Some patterns in this series are **HIGH CONTRAST DESIGNS.**



Scan to learn more

PHYSICAL PROPERTIES & PACKAGING (FLOATING MULTILAYER MODULAR FLOORING - 0.197" GAUGE / 12MIL WEAR LAYER)

| | |
|--|--|
| Construction Extruded Core Pre-Attached Underlayment | 4.0mm (0.157") Solid Polymer Core (SPC) 1.0mm (0.039") HDPE |
| Use | Commercial & Residential (Refer to Recommended Use PDF for Recommended Areas) |
| Size | 7.08" x 47.64" (180mm x 1210mm) |
| Wear Layer | 12mil (0.3mm) |
| Edge Detail | Accent Bevel |
| Finish | FX ² Surface Protectant |
| Emboss | Natural Timber |
| Gauge | 5.0mm (0.197") |
| Pieces/Carton | 10 |
| Coverage/Piece | 2.344 Sq.Ft. (0.218 Sq.M.) |
| Coverage/Carton | 23.44 Sq.Ft. (2.18 Sq.M.) |
| Coverage/Pallet | 48 Cartons / Pallet (1,125.12 Sq.Ft. / 104.54 Sq.M.) |
| Coverage/Container | 20 Pallets / Container (22,502.4 Sq.Ft. / 2,090.88 Sq.M.) |
| Limited Warranty | 10-Year Commercial / 25-Year Residential |

STANDARDS – SAFETY & PERFORMANCE

| Standard | Description | Requirements | Results |
|------------------------------------|---|---|------------------------------------|
| ASTM E648 | Critical Radiant Flux (Radiant Panel) | Class I: $\geq 0.45 \text{ W/cm}^2$ | Passes Requirements ¹ |
| ASTM E662 | Smoke Density | Flaming & Non-Flaming ≤ 450 | Passes Requirements ² |
| CDPH/EHLB Standard Method v1.2 | VOCs/TVOCs, Formaldehyde | Refer to Standard | Passes Requirements |
| REACH SVHC 181 | Substances of Very High Concern | Per Substance: $\leq 0.1\% \text{ w/w}$ (weight/weight) | Passes Requirements |
| ASTM F963 | Heavy Metals | Refer to Standard | Passes Requirements |
| ASTM D7823 / CPSC-CH-C1001-09.3 | Phthalates | Refer to CPSIA ³ | Passes Requirements |
| ASTM D2047 | Coefficient of Friction / Slip Resistance | N/A (No Official Requirements) | ≥ 0.6 (Dry) |
| ANSI ESD STM97.2 | Body Voltage | N/A (No Official Requirements) | Average (Abs): $\leq 2.0\text{kV}$ |

STANDARDS – SOUND

| Standard | Description | Assembly | IBC Requirements ⁴ | Results |
|---------------------------|---|------------------------------------|-------------------------------|------------------------------------|
| ASTM E90 & ASTM E413 | Airborne Sound Transmission Loss of Building Partitions and Elements (STC / Sound Transmission Class) | 6" Concrete Slab | STC ≥ 50 | STC 50 (Passes Requirements) |
| | | 6" Concrete Slab + Drop-Ceiling | STC ≥ 50 | STC 61 (Surpasses Requirements) |
| ASTM E492 & ASTM E989 | Impact Sound Transmission Through Floor-Ceiling Assemblies (IIC / Impact Insulation Class) | 6" Concrete Slab | IIC ≥ 50 | IIC 52 (Surpasses Requirements) |
| | | 6" Concrete Slab + Drop-Ceiling | IIC ≥ 50 | IIC 67 (Surpasses Requirements) |
| ASTM E2179 & ASTM E989 | Effectiveness of Floor Coverings in Reducing Impact Sound Transmission (Δ IIC / Δ Impact Insulation Class) | 6" Concrete Slab | N/A | Δ IIC 23 |

| STANDARDS – MANUFACTURING & USAGE (ASTM F3261) | | | |
|--|-----------------------|---|--------------------------|
| Standard | Description | Requirements | Results |
| ISO 24337 | Size | Tolerance - Width of 7.08" (180mm) ±0.016" (0.40mm) Tolerance - Length of 47.64" (1210mm) ±0.060" (1.5mm) | Passes Requirements |
| ASTM F2421 | Squareness | ≤0.010" (0.25mm) | Passes Requirements |
| ASTM F387 | Thickness | With Foam Back Layer Tolerance: ±0.008" (0.2mm) vs. Specified Minimum: 0.080" (2.0mm) | Passes Requirements |
| ISO 24337 | Flatness | Max. Values - Width of 7.08" (180mm) F _w ±0.008" (0.2mm) F _{I concave} ≤ 0.15%; F _{I convex} ≤ 0.20% | Passes Requirements |
| ISO 24337 | Openings | Average (O _{Avg}) ≤ 0.004" (0.1mm) Maximum (O _M) ≤ 0.008" (0.2mm) | Passes Requirements |
| ISO 24337 | Ledging | Average (H _{Avg}) ≤ 0.004" (0.1mm) Maximum (H _M) ≤ 0.006" (0.15mm) | Passes Requirements |
| ASTM F1914 | Residual Indentation | Average: ≤0.007" (0.18mm) | Surpasses Requirements |
| ASTM F1914 | Surface Integrity | No puncture through wear layer / décor into rigid core | Passes Requirements |
| ISO 23999 | Dimensional Stability | ≤0.25% / lineal ft. (305 mm) | Surpasses Requirements |
| ISO 23999 | Curling | ≤0.080" (2.0mm) | Surpasses Requirements |
| ASTM F925 | Chemical Resistance | No more than "Slight Change" | Surpasses Requirements |
| ASTM F1514 | Resistance to Heat | Average ΔE < 8.0 | Surpasses Requirements |
| ASTM F1515 | Resistance to Light | Average ΔE < 8.0 | Surpasses Requirements |
| ASTM F970 | Static Load | No Official Requirements (Wear Layer < 20mil) | ≤0.005" (0.13mm), 250psi |
| SIM Test | Static Load Limit | Test to Limit (±0.005") | ≥1,000psi |

Footnotes
 1) ASTM E648 - Critical Radiant Flux (Radiant Panel): Passes Requirements for Class I per International Building Code (IBC) 2018 & NFPA 101 Life Safety Code
 2) ASTM E662 - Smoke Density: 450 is the limit established by many state, county, and/or local building and/or fire codes, but is not set as a limit for (resilient) flooring products nationwide. Thus, Smoke Density requirements for flooring products may vary from jurisdiction to jurisdiction. Consult your building inspector / fire marshal to learn more.
 3) CPSIA = Consumer Product Safety Improvement Act
 4) IBC = International Building Code

