TECHNICAL SPECIFICATIONS

# Bond

Luxury Vinyl Plank · 7" x 48" x 3 mm · Matte, glue-down

## Specification

| | |
|---|---|
| Composition | Multi layer Vinyl Tile - Dry back |
| Size | 177.8 x 1219.2 mm (7" x 48") |
| Thickness | 3.0 mm |
| Wear layer | 0.5 mm (20 mil) |
| Finish | Polyurethane coating |
| Edge | Square |
| Pcs/Box | 15 |
| Sqm/Box | 3.25 |
| Sqft/Box | 35.00 |
| Box/Pallet | 50 |
| Pallet / 20D' | 20 |

## Performance

| Item | Test Method | Requirement | Results |
|---|---|---|---|
| Static Coefficient of Friction | ASTM D2047 | ≥0.42 (Dry), ≥ 0.6 (Wet) | **Meets** |
| Critical Radiant Flux | ASTM E648 | ≥0.45 W/cm² | **Meets** |
| Smoke Density | ASTM E662 | Avg ≤450 | **Meets** |
| Flexibility | ASTM F137 | No crack or break when using Φ25.4 mm mandrel | **Meets** |
| Thickness | ASTM F386 | A tolerance of ±0.13 mm | **Meets** |
| Thickness, wear layer | ASTM F410 | 0.5 mm min | **Meets** |
| Resistance to chemicals | ASTM F925 | No more than a slight change in surface dulling, surface attack or staining | **Meets** |
| Static load resistance | ASTM F970 | 0.005" (0.13 mm), 250 psi | **Meets** |
| Resistance to heat | ASTM F1514 | Avg ΔE≤8.0 | **Meets** |
| Resistance to Light | ASTM F1515 | Avg ΔE≤8.0 | **Meets** |
| Residual indentation | ASTM F1914 | Avg < 8% | **Meets** |
| Squareness | ASTM F2055 | ≤0.25 mm | **Meets** |
| Size | ASTM F2055 | ≤0.13% | **Meets** |
| Dimensional Stability | ASTM F2199 | ≤0.167% | **Meets** |

## Environmental & certifications

| | |
|---|---|
| Recycled Content | Yes |
| ISO 9001 - Quality Management System | Meets and exceeds passing requirements |
| ISO 14001 - Environmental Management System | Meets and exceeds passing requirements |
| FloorScore Certified | Yes |