

DIVISION

09 65 00 Resilient Sheet Vinyl

Product Description

LONDECK SIERRA is a resilient, slip-resistant exterior sheet vinyl with an embossed surface that withstands high volumes of pedestrian traffic and weather-wear. Londeck Sierra has been utilized around pools, on hotel and condo decks, and on rooftops and stairways and, though designed for exterior spaces, is equally appropriate for interiors.

Applications

Excellent for exterior use where design parameters call for a high-performance, durable and sophisticated flooring solution.

Suitable Substrates

Subject to Lonseal's Technical Manual for Interior Flooring Products - Concrete (all grade levels), underlayment grade plywood, metal, and terrazzo.

Composition

Londeck Sierra is a slightly textured, three layer heterogeneous vinyl sheeting. The wear layer is an especially formulated to withstand effects of seasonal weather, air pollution and abrasive wear.

The middle layer is designed for maximum elongation properties and dimensional stability.

The back layer provides strength and stability of the deck covering and enhances the bonding strength of the adhesive.

STANDARD SIZES (nominal)

Overall thickness: 0.080" (2.0 mm)

Wear layer thickness: 0.031" (0.8 mm)

Roll Size: 6' (1.830 m) wide x 60' (18.3 m)/

*8'6" (2.591 m) wide x 75' (22.9 m)

Weight: .7 lb/sq. ft., 245 lbs/roll/

*7 lb/sq. ft., 430 lbs/roll

Colors: Six available

**721 Sierra Cliff Face and 723 Mount Tan available in both 6' and 8'6 roll sizes.*

TECHNICAL DATA

Applicable Standards

Type: I

Grade: I

Backing: Class B

Conforms with ASTM F 1303

Coefficient of Friction (COF):

(ASTM C 1028) Wet: 0.70 Dry: 0.92

Critical Radiant Flux:

(ASTM E 648) Class 1 per NFPA Life Safety Code 101

Smoke Density:

(ASTM E 662/NFPA 258)

Abrasion Resistance:

(ASTM D 3884) Net Weight Loss after 1000 revolutions: 0.30%

Static Load Limit:

(ASTM F 970) - Modified
750 psi residual compression of 0.005"

Flexibility:

(ASTM F 137) Passes

Chemical Resistance:

(ASTM F 925)

NO Change: 5% Ammonia, 5% Acetic Acid, 70% Isopropyl Alcohol, 5% Sodium Hydroxide, 5% Hydrochloric Acid, Mineral Oil, Bleach, Sulfuric Acid, Kerosene, Olive Oil, 5% Phenol, Gasoline

INSTALLATION

Storage: Store all surfacing materials in a clean, dry environment with unopened rolls standing on end.

Please refer to Lonseal's Technical Manual for Interior Flooring Products for detailed information.

Limitations

For exterior use. Not for use where subject to extreme mechanical abuse or exposure to certain rubbers.

ADHESIVES and SEAM TREATMENT

No. 300 — Epoxy Adhesive
For perimeters and transitions

No. 400 — Contact Adhesive
For vertical applications: coving

No. 200 — Acrylic Adhesive
For all porous and non-porous applications.

*Seams are only overlap welded

MAINTENANCE

For best results, we recommend use of (TSP) Tri Sodium Phosphate and a vinyl brush

15-YEAR WARRANTY

Lonseal offers a 15-year limited warranty.

TECHNICAL SERVICES

Contact the Lonseal Customer Service department for product samples, specification data and technical support at 800.832.7111.

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