

**PRODUCT DESCRIPTION**

LONWOOD DAKOTA is a durable, slightly textured sheet evokes the open grain of oak and the nuance of knot-free, quarter-sawn plank in 14 authentic colors.

**Applications:**

Excellent for interior, retail, commercial, or institutional use where design parameters call for a high performance, sophisticated flooring solution.

**Suitable Substrates**

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

**Composition:**

Constructed in multiple layers and embossed with distinctive wood grains, LONWOOD DAKOTA is composed of multiple layers of resin, plasticizers, fillers, and pigments.

With an embossed wood-grain texture, the co-calendared wear layer is formulated to provide maximum resistance to foot traffic in commercial and healthcare applications.

The middle layer provides dimensional stability, sound-absorbing properties, and resiliency under foot.

The backing layer provides strength and stability of the flooring and enhances the bonding strength of the adhesive.

**GREEN FEATURES**

- Over 40% pre consumer recycled content
- Toward LEED (MR 4.1, MR 4.2)
- GREENGUARD certified for LOW Voc's
- EQ 4.1: Low VOC Adhesive
- GreenMedic: Microbial Resistant

**STANDARD SIZES**

**Overall thickness:** 0.080" (2.0 mm)

**Wear layer thickness:** 0.020" (0.5 mm)

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

**Weight:** .7 lb/sq. ft., 250 lbs/roll

**Colors:** Fourteen Available

**TECHNICAL DATA**

*Applicable Standards*

Type: I

Grade: I

Backing: Class B

Conforms with ASTM F 1303

**Coefficient of Friction (COF):**  
(ASTM C 1028) Surpasses ADA guidelines.

**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: 0.68%

**Static Load Limit:**  
(ASTM F 970) - Modified  
1200 psi residual compression 0.005"

**Flexibility:**  
(ASTM F 137) Passes

**CHEMICAL RESISTANCE**

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

*Slight Change: none*

**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 Products for detailed information.*

**ADHESIVES and SEAM TREATMENT**

No. 300 — Epoxy

For extreme service requirements

No. 555A — Acrylic Adhesive

For all porous and non-porous applications.

Lonseal Double Face Tape Under seams

Lonsealer: Chemical seam sealer

\*Seams are chemical and heat weldable

**MAINTENANCE**

Initial maintenance is essential for increased longevity of vinyl flooring. Ensure initial maintenance is completed 48 hours after installation.

For best results, we recommend use of Lonseal's maintenance products: Loncare, Lonbuff, Lonprime, Lonfinish and Lonstrip.

**10 YEAR WARRANTY**

Lonseal offers a 10 year limited warranty. Limitations include exposure to certain rubber items.

**TECHNICAL SERVICES**

Contact the Lonseal Customer Service department for product samples, specification data and Technical Support at 800-832-7111.

