

DIVISION

09 65 00 Resilient Sheet Vinyl

Product Description

LONWOOD DAKOTA with TOPSEAL is a low maintenance resilient sheet vinyl flooring solution that features a factory applied urethane surface. The soft palette provides a unique color story with natural features.

TOPSEAL

Lonseal's unique factory applied urethane finished layer is a "no wax" system that protects against scratches, scuffs and stains for easy cleaning.

Applications

Excellent for interior, retail, healthcare, 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 Flooring Products - Concrete (all grade levels), underlayment grade plywood, metal, and terrazzo.

Composition

LONWOOD DAKOTA with TOPSEAL is resilient sheet vinyl floor that offers great high performance. Constructed in multiple layers with a 30-micron low-gloss UV-cured urethane wear layer.

The co-calendared wear layer is formulated to provide maximum resistance to foot traffic and most chemicals common to commercial and healthcare settings.

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

The backing layer provides strength and stability while enhancing the bonding strength of the adhesive.

STANDARD SIZES (nominal)

Overall thickness: 0.080" (2.0 mm)

Nominal wear layer thickness: 0.020" (0.5 mm)

Roll Size: 72" (1,830 mm) wide X 60' (18.28 m) long

Weight: 0.7 lb./sq.ft., 245 lb./roll

Colors: Five available

TECHNICAL DATA

Applicable Standards

Type: I

Grade: I

Backing: Class B

Conforms to ASTM F1303

Flexibility:

(ASTM F 137) Passes

Coefficient of Friction (COF):

(ASTM C 1028) Wet: 0.77 Dry: 0.79

Static Coefficient of Friction (SCOF):

(ASTM D 2047) Wet: 1.00 Dry: 0.90

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: 0.31%

Static Load Limit:

(ASTM F 970) – Modified
1300 psi residual compression of 0.005"

Short-term Indentation:

(ASTM F 1914) – 75 lbs after an hour residual indentation of 0.003"

Castor Chair Test:

(ISO TR4918) 25,000 cycles

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 and Gasoline

GREEN FEATURES

- GreenMedic™: Formulated for microbial resistance
- GreenAir™: Formulated for low VOC's
- Over 40% post-industrial recycled content
 - Contributes towards LEED MR 4.1 and MR 4.2
- Floorscore® Indoor Air Quality Certified
 - Conforms to CA Specification 01350
 - Low Emitting Materials
- Adhesives and Sealants: IEQ Credit 4.1
- Flooring Systems: IEQ Credit 4.3

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

Not for outdoor use or where subject to extreme mechanical abuse, such as steel wheeled carts, golf spikes, in commercial kitchens or exposure to certain rubber.

ADHESIVES and SEAM TREATMENT

No. 300 – Epoxy

For extreme service requirements

No. 400 — Contact Adhesive

For vertical applications: coving

No. 755 – Acrylic Adhesive

For all porous and non-porous applications. Lonseal Double Face tape under the seams Vinyl Welding Thread OR Lonsealer Type A *Seams are heat and chemical weldable

MAINTENANCE

TOPSEAL's unique surface finish provides low maintenance that requires only dust and wet mopping. For interim maintenance, we recommend use of Lonseal's maintenance product: Loncare

10-YEAR WARRANTY

Lonseal offers a 10-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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