

## LONWOOD DAKOTA with TOPSEAL

### DIVISION

09 65 00 Resilient Sheet Vinyl

### Product Description

LONWOOD DAKOTA with TOPSEAL is a low maintenance resilient sheet vinyl flooring solution that is a durable, slightly textured sheet that evokes the open grain of oak and the nuance of knot-free, quarter-sawn plank.

### 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

**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

- Over 40% post industrial recycled content
- Toward LEED (MR 4.1, MR 4.2)
- EQ 4.1: Low VOC Adhesive
- GreenMedic™: Microbial Resistant
- GreenAir™: Low VOC's
- GREENGUARD certified for low VOC's

### 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. 555A – 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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