

## DIVISION

09 65 00 Resilient Sheet Vinyl

## Product Description

LONWOOD NATURAL with TOPSEAL is a low maintenance resilient sheet vinyl flooring solution that successfully pairs the warm aesthetics of wood with the benefits of high-performance sheet vinyl in five earthy colors.

## 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 NATURAL 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: 0.81 Dry: 0.86

## Static Coefficient of Friction (SCOF):

(ASTM D 2047) Wet: 0.98 Dry: 0.97

## 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: 0.24%

## 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 0.006"

## 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 and Gasoline

Moderate change surface dulling: 5% Phenol

## 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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