

### PRODUCT DESCRIPTION

Designed for interior use in high volume foot traffic and high impact athletic and healthcare applications, LONWOOD WITH FOAM is a heterogeneous resilient sheet vinyl that combines the warm look of wood with the high performance of vinyl.

#### 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:

LONWOOD WITH FOAM is composed of multiple layers of vinyl resin, plasticizers, fillers, and pigments with a closed-cell cushion layer.

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 closed-cell foam layer provides impact attenuation reducing micro trauma associated with high-energy activities.

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

#### GREEN FEATURES

- Toward LEED (MR 4.1)
- EQ 4.1: Low VOC Adhesive
- GreenMedic: Microbial Resistant

### STANDARD SIZES

**Nominal thickness:** .120" (3.0 mm)

**Co-calendared wear layer:**  
.032" (0.81 mm)

**Middle and backing layers:**  
.048" (1.22 mm)

**Closed cell vinyl foam layers:** .  
040" (1.02 mm)

#### Roll Size:

6' (1.830 m) wide x 60' (18.3 m)

**Weight:** .8 lb/sq. ft., 255 lbs/roll

**Colors:** Two 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.

#### Flame Spread:

(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: 0.6%

**Sound Transmission through  
suspended ceiling (IIC) rating: 58  
(ASTM E 989-89)**

**Sound Transmission through 7" thick  
structural slab (FIIC) rating: 58 (ASTM  
E 1007) Note: Below 45 fails.**

#### Static Load Limit:

(ASTM F 970) passes

#### 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. 555 — Acrylic Adhesive

For all porous, non-porous and vertical 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.

