

## DIVISION

09 65 00 Resilient Sheet Vinyl

## Product Description

Chic and sophisticated, LONSTAGE UV offers a dramatic option that makes a bold and dramatic statement. From entertainment venues to temporary floors and stages, LONSTAGE UV combines a great design with the ultimate fashion statement.

## Applications

Excellent for showrooms, stages and temporary flooring.

## UV Cured Urethane:

Offered with exceptional slip resistance; no additional finish is required.

## Suitable Substrates

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

## Composition

Constructed in multiple layers with a 50-micron thick, high-gloss clear UV-cured urethane layer applied to the surface. LONSTAGE UV is a resilient sheet vinyl material that makes a great backdrop in any space.

The co-calendared wear layer is formulated to provide maximum resistance to foot traffic and most chemicals common in many commercial 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" (0.45 mm)

**Roll Size:** 6' (1,830 mm) wide X 60' (18.3 m) long

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

**Colors:** Four available

## TECHNICAL DATA

Applicable Standards

Type: I

Grade: I

Backing: Class B

Conforms to ASTM F1303

## Coefficient of Friction (COF):

(ASTM C 1028) Wet: 0.62 Dry: 0.68

## 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: 0.54%

## Static Load Limit:

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

## Flexibility:

(ASTM F 137) Passes

## 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

Mod Surface Attack: 5% Phenol

Slight Surface Attack: 5% Phenol

(ASTM F 925) Modified – Beauty Products

NO stain: Hair Dye (black), Nail Polish, Nail Polish Remover, Lipstick, Bleach (peroxide), Hair Straightener, Permanent, Rubber, Asphalt

(ASTM F 925) Modified – Healthcare Chemicals

No change: Bouin's Fixative, Cidex Glutaraldehyde, Metricide, Cidex OPA, Grams Iodine, Betadine

Surface Attack – Severe: Kinyoun's Carbolfuchsin

Color Change – Slight: Grams Safranin, Methylene Blue

Color Change – Severe: Kinyoun's Carbolfuchsin, Grams Crystal Violet

## GREEN FEATURES

- GreenMedic™: Formulated for microbial resistance
- GreenAir™: Formulated for low VOC's
- Over 35% 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

For indoor use only. Not for use where subject to extreme mechanical abuse or exposure to certain rubbers.

## ADHESIVES and SEAM TREATMENT

No. 300 — Epoxy Adhesive  
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 seams

Lonsealer: Chemical seam sealer  
\*Seams are chemical and heat weldable

## MAINTENANCE

### UV-Cured Urethane

For best results, machine buff to enhance shine and/or dust and wet mop. We also recommend use of Lonseal's maintenance products: Lonbuff and 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.



LONSEAL, INC.  
928 E. 238th Street, Carson, CA 90745 USA  
800.832.7111 toll free | 310.830.7111 ph  
www.lonseal.com



Updated: 06.21.11