

## LONPLATE

## LONSEAL

### DIVISION

09 65 00 Resilient Sheet Vinyl

### Product Description

LONPLATE I is the original steel-plate design adapted to resilient sheet vinyl. This floor surface provides a measure of skid-resistance without sacrificing color and style. The exclusive embossing and coloration provides excellent camouflage for scuffing and wear.

### 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 Flooring Products - Concrete (all grade levels), underlayment grade plywood, metal, and terrazzo.

### Composition

Constructed in multiple layers with a uniquely textured surface, LONPLATE I is a resilient sheet vinyl that is composed of a co-calendered wear layer, middle layer and backing layer.

The co-calendered wear layer is formulated to provide maximum resistance to foot traffic in multiple commercial applications.

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

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

### STANDARD SIZES (nominal)

**Overall thickness:** 0.100" (2.5 mm)

**Wear layer thickness:** 0.067" (1.7 mm)

**Roll Size:** 6' (1.830 m) wide x 60' (18.3 m)

**Weight:** 0.8 lb/sq. ft., 300 lbs/roll

**Colors:** Nine available

### 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

### TECHNICAL DATA

Applicable Standards

Type: I

Grade: I

Backing: Class B

Conforms with ASTM F 1303

### Coefficient of Friction (COF):

(ASTM C 1028) Wet: 0.67 Dry: 0.74

### 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: 1.0 %

### 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, Acid, Mineral Oil, Bleach, Sulfuric Acid, Kerosene, Olive Oil, 5% Phenol

Slight Surface Dulling: Gasoline

Slight Color Change: 5% Sodium Hydroxide, 5% Hydrochloric Acid

### 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

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: Lonbuff, Loncare, Lonprime, Lonfinish, Lonsatin and Lonstrip.

### 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.

