

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

**Composition:**

Constructed in multiple layers with the original "Diamond Plate" textured surface, LONPLATE I is primarily composed of polyvinyl chloride, resin, plasticizers, fillers, and pigments.

The co-calendared wear layer is formulated to provide maximum resistance to foot traffic and most commercial and healthcare chemicals.

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.

**GREEN FEATURES**

- Over 43% pre consumer recycled content
- Toward LEED (MR 4.1, MR 4.2)
- EQ 4.1: Low VOC Adhesive
- GreenMedic: Microbial Resistant

**STANDARD SIZES**

**Nominal thickness:** .100" (2.5 mm)

**Wear layer thickness:** .052" (1.3 mm)

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

**Weight:** .8 lb/sq. ft., 300 lbs./roll

**Colors:** Nine Available

**TECHNICAL DATA***Applicable Standards*

Type: I  
Grade: I  
Backing: Class B  
Conforms with ASTM F 1303

**Coefficient of Friction (COF):**

(ASTM C 1028-89)  
Surpasses ADA guidelines.

(ASTM F 1679-00)

Dry and Flat - Surpasses ADA guidelines

**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: 0.74%

**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% Hydrochloric Acid, Mineral Oil, Bleach, Olive Oil, 5% Phenol*

*Slight: Sulfuric Acid, 5% Sodium Hydroxide, Kerosene, Gasoline*

**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: Lonbuff, Loncare, 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.

