

PRODUCT DESCRIPTION

LONPEARL is a heterogeneous resilient sheet vinyl flooring solution available with an exclusive embossing and a galvanized coloration that 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 a textured surface, LONPEARL is 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: .032" (0.80 mm)

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

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

Colors: Seven 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.

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: 0.65%

Static Load Limit:

(ASTM F 970) - Modified

700 psi residual compression 0.005"

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, Bleach, Kerosene, Olive Oil, 5% Phenol, Gasoline, Sulfuric 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 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.

