

PRODUCT DESCRIPTION

LONMETRO UV is a heterogeneous resilient sheet vinyl flooring solution that features a lustrous low maintenance layer of UV cured urethane. The primary color palette provides creative interest while the UV cured Protective layer offers advanced chemical resistance and low maintenance.

Applications:

Excellent for interior, retail, commercial, or institutional use where design parameters call for a high performance, sophisticated flooring solution.

UV Cured Urethane:

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

Suitable Substrates

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

Composition:

LONMETRO UV is heterogeneous resilient sheet vinyl composed of resin, plasticizer, pigment, and fillers.

Beneath the 50 micron thick UV-cured urethane wear layer, the vinyl wear layer provides dazzling color, durability, and chemical resistance.

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

The closed-cell foam layer increases user comfort under foot and reduces impact noise transmission.

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

GREEN FEATURES

- Over 35% pre consumer recycled content
- Toward LEED (MR 4.1, MR 4.2)
- EQ 4.1: Low VOC Adhesive

STANDARD SIZES

Overall thickness: 0.080" (2.0 mm)
Wear layer thickness: 0.040" (1.0 mm)

Roll Size:

72" (1,830 mm) wide x 60' (18.3 m) long

Weight: .7 lb./sq. ft., 245 lb./Roll

Colors: Eight 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)

Shore Hardness: (ASTM D 2240)**Abrasion Resistance:**

(ASTM D 3884) Net Weight Loss after 1000 revolutions 0.67%

Static Load Limit:

(ASTM F 970) - Modified
1500 psi residual compression 0.005"

Flexibility:

(ASTM F 137) Passes

CHEMICAL RESISTANCE

NO Change: 5% Ammonia, 70% Isopropyl Alcohol, 5% Hydrochloric Acid, Mineral Oil, Bleach, Kerosene, Olive Oil, 5% Ascectic Acid, 5% Phenol, Gasoline, 5% Sodium Hydroxide, Sulfuric Acid

Slight Change: Methylene Blue, Grams Safranin

Severe Change: Kinyoun's Carbolfuchsin, Grams Crystal Violet

RESISTANCE TO STAINING

NO Change: Hair Dye (Black), Nail Polish Remover, Bleach (Peroxide), Hair Straightener, Asphalt Stain, Nail Polish, Lipstick, Rubber Stain

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. 555A — 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**

This unique wear layer provides low maintenance that requires only dust and wet mopping.

For interium maintenance, we recommend use of Lonseal's maintenance products: Lonbuff and Loncare.

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.

