

LONNOVA UV

DIVISION

09 65 00 Resilient Sheet Vinyl

Product Description

LONNOVA UV is a heterogeneous resilient sheet vinyl flooring solution that features a lustrous low maintenance surface. The soft palette provides a unique color story while the urethane protective layer offers advanced chemical resistance and durability.

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 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. LONNOVA UV is a resilient sheet vinyl floor that offers great high performance.

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

Wear layer thickness: 0.040" (1.0 mm)

Roll Size: 72" (1,830 mm) wide X 60' (18.28 m) long

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

Colors: Twelve Available

TECHNICAL DATA

Applicable Standards

Type: I

Grade: I

Backing: Class B

Conforms to ASTM F1303

Coefficient of Friction (COF):

(ASTM C 1028) Wet: 0.66 Dry: 0.67

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: 0.49%

Static Load Limit:

(ASTM F 970) – Modified
1500 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, 5% Phenol and Gasoline

(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 Carbofuchsin

Color Change – Slight: Grams Safranin, Methylene Blue

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

GREEN FEATURES

- Over 30% post industrial recycled content
- Toward LEED (MR 4.1, MR 4.2)
- EQ 4.1: Low VOC Adhesive

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

Not for outdoor use or where subject to extreme mechanical abuse, such as steel wheeled carts, golf spikes, in commercial kitchens or exposure to certain rubber.

ADHESIVES and SEAM TREATMENT

No. 300 – Epoxy

For extreme service requirements

No. 400 — Contact Adhesive

For vertical applications: coving

No. 555A – Acrylic Adhesive

For all porous and non-porous applications.

Lonseal Double Face tape under the 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 interim maintenance, we 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.

