

LONCOURT UV

LONSEAL

DIVISION

09 65 00 Resilient Sheet Vinyl

Product Description

LONCOURT UV is designed for interior sport facilities where outstanding resilience, durability and low maintenance are desired; it accepts painted game lines and graphics.

Applications

Excellent for interior gymnasium, multi-purpose fitness room environments, commercial and institutional use.

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. LONCOURT UV is a resilient sheet vinyl flooring that is durable and easy to maintain.

The co-calendared wear layer is formulated to resist wear from foot traffic, and to optimal traction and excellent rebound.

The middle layer provides dimensional stability, impact attenuation, improved bounce, sound and shock absorbing properties and under foot resiliency.

The backing layer provides strength and stability while enhancing the bonding strength of the adhesive.

STANDARD SIZES (nominal)

Overall thickness: 0.230" (5.8 mm)

Wear layer thickness: 0.027" (0.70 mm)

Roll Size: 72" (1,830 mm) wide X 50' (15.24 m) long

Weight: 1.7 lb./sq.ft., 500 lb./roll

Colors: One available

TECHNICAL DATA

Applicable Standards

Type: I

Grade: I

Backing: Class B

Conforms to ASTM F1303

Coefficient of Friction (COF):

(ASTM C 1028) Wet: 0.79 Dry: 0.73

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 5000 revolutions: 2.8%

Static Load Limit:

(ASTM F 970) – Modified
500 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

Impact Attenuation:

(ASTM F1292 & F355)

Loncourt UV over Concrete G_{max} : 179

Loncourt UV over Maple G_{max} : 148

Concrete Substrate G_{max} : 389

Maple Substrate G_{max} : 208

Note: Injury threshold is above 200

Basketball Rebound:

Loncourt UV average: 50 inches

Requirement: 49-54 inches

Note: After 10 drops at 72" height

GREEN FEATURES

- Over 50% post industrial recycled content
- Toward LEED (MR 4.1, MR 4.2)
- EQ 4.1: Low VOC Adhesive
- GreenMedic™: Microbial Resistant
- GreenAir™: Low VOC's

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. 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

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 and Loncare.

15-YEAR WARRANTY

Lonseal offers a 15-year limited warranty.

TECHNICAL SERVICES

Contact the Lonseal Customer Service department for product samples, specification data and technical support at 800.832.7111.



LONSEAL, INC.
928 E. 238th Street, Carson, CA 90745 USA
800.832.7111 toll free | 310.830.7111 ph
www.lonseal.com

Updated: 04.20.09/b