

LONECO

DIVISION

09 65 00 Resilient Sheet Vinyl

Product Description

As Lonseal's foremost eco-friendly product, Loneco is composed of over 50 percent recycled content and features Lonseal's exclusive GreenAir™ technology that reduces VOC emissions, contributing to superior indoor air quality.

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

LONECO replicates the look of concrete, fabric, and cork with an average of over 50% post industrial recycled vinyl and wood powder.

Constructed in multiple layers with a uniquely textured surface, LONECO a resilient sheet vinyl flooring material that is durable and easy to clean.

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.

STANDARD SIZES (nominal)

Overall thickness: 0.08" (2.0 mm)
Wear layer thickness: 0.032" (0.8 mm)

Roll Size: 6' (1.830 m) wide x 60' (18.3 m)
Weight: .7 lb/sq. ft., 250 lbs/roll
Colors: Sixteen available

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
- GREENGUARD certified for low VOC's

TECHNICAL DATA

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

Coefficient of Friction (COF):

(ASTM C 1028) Wet: 0.68 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 1000 revolutions: 0.4%

Static Load Limit:

(ASTM F 970) - Modified
700 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, Gasoline
SLIGHT Surface Dulling: 5% Phenol
SLIGHT Color Change: 5% Phenol

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 Adhesive
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 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, Lonsatin and Lonstrip.

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.

