

## 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® is 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:** 0.031" (0.8 mm)

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

**Weight:** 0.7 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

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. 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.



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