

## LONCOIN II FEATHERWEIGHT

### DIVISION

09 65 00 Resilient Sheet Vinyl

### Product Description

LONCOIN II FEATHERWEIGHT is constructed in three layers with excellent slip resistance, sound absorption, and dimensional stability properties. Offering the same high performance features of our LONCOIN II AVIATION, LONCOIN II FEATHERWEIGHT is 30% lighter for increased fuel efficiency with exceptional performance and design.

### Applications

Excellent for all types of aircraft including commercial and private airliners and helicopters.

### Suitable Substrates

Resin coated phenolic panels, fiberglass and metal.

### Composition

Constructed in multiple layers with a "coin" textured surface, LONCOIN II FEATHERWEIGHT is composed of a calendared wear layer that is formulated to provide maximum resistance to foot traffic in any commercial application.

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: 0.09" (2.3 mm)

Wear layer thickness: 0.035" (0.90 mm)

Roll Size: 72" (1.83 m) wide x 60' (18.3 m)

96" (2.44 m) wide x 60' (18.3 m)

Weight: 81 oz./sq.yd., 300 lbs./roll

Color: Ten available

### TECHNICAL DATA

Applicable Standards

Type: I

Grade: I

Backing: Class B

Conforms with ASTM F 1303

### Factor of Sliding Friction:

Exceeds FAR 25.793 requirements of 0.45 or above.

### 12 Second Vertical Flammability:

Meets 14 CFR Part 25.853 Appendix F, Part I, (a)(1)(ii)

### Abrasion Resistance:

(ASTM D 3884) Net Weight Loss after 1000 revolutions: 0.55%

### Static Load Limit:

(ASTM F 970) - Modified  
850 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, Kerosene, Olive Oil, 5% Phenol, Sulfuric Acid  
SLIGHT Color Change: Gasoline

### Coefficient of Friction (COF):

(ASTM C 1028) Wet: 0.60 Dry: 0.74

### LONSEAL PART NO. INFORMATION:

C2FXXXMXX

C2 = Loncoin II

F = Featherweight

XXX = Color number

M = Mesh backing

XX = Width of material

### GREEN FEATURES

- Over 43% post industrial recycled content
- Toward LEED (MR 4.1, MR 4.2)
- GreenMedic™: Microbial Resistant
- GreenAir™: Low VOC's

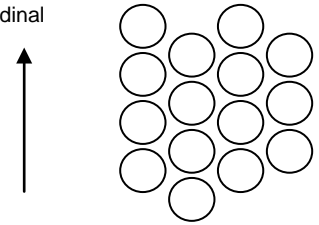
### INSTALLATION

Storage: Store all surfacing materials in a clean, dry environment with unopened rolls standing on end.

LONCOIN II FEATHERWEIGHT is installed using various tape methods.

### COIN ALIGNMENT

Longitudinal



### Limitations

For indoor use only. Not for use where subject to extreme mechanical abuse or exposure to certain rubbers.

### MAINTENANCE

For best results, we recommend use of Lonseal's maintenance product: 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.



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