

LONDECK

PRODUCT DESCRIPTION

Basic Use

LONDECK series vinyl slip-resistant sheeting has been developed especially for use outdoors as a lightweight, sound absorbing, waterproof covering for walking decks and balconies. LONDECK is resistant to the effects of sunlight, rain, snow, ozone, temperature variations and abrasive wear. Its extreme-weather durability enables it to retain its properties even after years of exposure.

Note: When specifying Londeck for indoor applications, it must be installed in accordance with *Lonseal's Technical Manual for Interior Installations*.

Limitations

Do not install on tarpaper, asphalt residues, magnesite substrates or in areas subjected to considerable mechanical abuse.

Suitable Substrates

Subject to *Londeck Technical and Installation Manual* – Standard and lightweight concrete, plywood, metal and fiberglass.

Composition

LONDECK is a three layer polyvinyl chloride (PVC) sheeting.

The wear layer is especially formulated to withstand effects of seasonal weather, air pollution and abrasive wear.

The middle layer is designed for maximum elongation properties and dimensional stability.

The backing layer provides strength and stability of the flooring and enhances the bonding strength of the adhesive.

Standard Sizes

Nominal Thickness: .080" (2.0 mm)

Wear layer: .032" (0.8 mm)

Middle and backing layers: .068" (1.7 mm)

Roll Size

72" (1,830 mm) wide x 60' (18.28 m) long

Roll lengths can be modified on special order basis.

Consult with Lonseal for ordering details.

Weight

.7 lb./sq. ft., 245 lb./Roll

Colors

Londeck (Original) : Eight

* Londeck Coin: Three

* Londeck Plate: Three

* Londeck Smooth: Two

* Londeck Wave: Two

TECHNICAL DATA

Approvals:

ICBO Legacy PR #2829

ICC Status Pending

Approved by the City of Los Angeles for use over plywood or concrete as a "Class B" roofing and walking deck surfacing material. Research report No. 23825-T, June 8, 1973

HUD, 2500 Wilshire Blvd., Los Angeles, CA, Ph. (213) 668-5146. Lonseal P.V.C. sheeting products including Londeck may be used on properties offered as security for insured mortgages within the jurisdiction of the area office. Refer to file 9.2 PSH.

Applicable Standards

NOTE: Contact Lonseal for current approval status.

Type: I

Grade: I

Backing: Class A per LF475a

Conforms with ASTM F 1303-95

Tensile Strength

NOTE: Test for tensile strength and elongation properties per ASTM D 2370-68. Results of before and after weathering and aging follow:

Before Weathering:

Tensile Strength: 1131.7 psi

Elongation: 238%

After Weathering: (ASTM G 23)

Tensile Strength: 1305.7 psi

Elongation: 209.4%

After Aging: (ASTM D 756)

Tensile Strength: 1043.9 psi

Elongation: 213%

Weather Test: (ASTM G 23)

No deleterious effect.

Accelerated Aging Test: (ASTM 756 D & E)

No deleterious effect.

*Coefficient of Friction (COF):

(ASTM C 1028-89) Surpasses former ADA guidelines

(ASTM F 1679-00) Flat and Ramp – Surpasses former ADA guidelines

COF NOTES: In-service COF dependent on several factors, which are out of Lonseal's control:

- Floor cleanliness and maintenance
- The type of dressing applied. Check with dressing manufacturer to obtain their COF figures
- Spillages, tracked in contaminants, type of footwear and individual physiology

Flame Spread: (ASTM E 648-97) Class 1 per NFPA 253

Smoke Density: (ASTM E662/NFPA 258) Flaming Mode and Non-flaming Mode

Abrasion Resistance: (ASTM D 3884) Net Weight Loss after 1000 revolutions 0.88%

1st Static Load Limit: (ASTM F 970-93) Residual compression – after exposure to a load of 125 lbs./24 hr. – .003".

Chemical Resistance:

(ASTM D 2299) 16 hours

- | | |
|--|-------------------------------------|
| <input type="radio"/> Reagent | <input type="radio"/> Anti-freeze |
| <input type="radio"/> 20% Heavy Duty Detergent | <input type="radio"/> Kerosene |
| <input type="radio"/> 5% Ammonia | <input type="radio"/> Turpentine |
| <input type="radio"/> 20% Salt Solution | <input type="radio"/> Paint Thinner |
| <input type="radio"/> 10% Muriatic Acid | |
| <input type="radio"/> 10% Chlorine | |

(ASTM F 925-85) 24 hours

- | | |
|---|-------------------------------------|
| <input type="radio"/> 5% Ammonia | <input type="radio"/> Bleach |
| <input type="radio"/> 5% Acetic Acid | <input type="radio"/> 5% Phenol |
| <input type="radio"/> 70% Isopropyl Alcohol | <input type="radio"/> Gasoline |
| <input type="radio"/> 5% Sodium Hydroxide | <input type="radio"/> Sulfuric Acid |
| <input type="radio"/> 5% Hydrochloric Acid | <input type="radio"/> Kerosene |
| <input type="radio"/> Mineral Oil | <input type="radio"/> Olive Oil |

O=No (Change)	M=Moderate
S=Slight	V=Severe

INSTALLATION

Refer to the *Londeck Technical and Installation Manual* for detailed information. Only experienced floor covering or roofing professionals should install Londeck.

Storage

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

Site Conditions

Assure substrate dryness and maintain substrate temperatures at 65° and 85° F (19° and 29° C) 48 hours before, during and post installation.

*Adhesives and Sealants

NOTE: Selection of adhesives and sealants depends on seam method, which is either "Overlap" or "Flush" type.

For all porous, non-porous and vertical applications:

No. 555A Transitional Acrylic

Contact adhesive: No. 400 Contact

Exposed perimeter: No. 300 Epoxy

Under "Flush Type" seams: Reinforced S/A Tape

Adheres Londeck to S/A tape at seam: Lonsealer Type C

Weld Thread: 4mm color matched

Clear Exterior Caulk: Geocel 2300

Preparatory Work - Flashings

All flashings and other metal fittings must be in place before the installer commences work.

Subfloor Considerations

All substrates must be solid and free of contaminants; be clean, dry, properly acclimated and smoothed with approved latex reinforced-Portland based compound.

Installing

Observe installation temperatures. Allow time for material to relax. Use correct adhesive(s). Roll immediately. Use electric heat gun for finish welding all seams.

Post Installation

Clean and protect the new flooring from construction traffic with non-staining untempered hardboard or Homasote panels.

MAINTENANCE

After adhesive has cured, routinely sweep and hose down with clean water. Occasionally scrub with diluted TSP (Trisodium Phosphate) and deck brush then rinse with clean water.

Use "walk-off" matting to minimize effects of tracked-on abrasive dirt and grit.

Use adequate furniture rests to avoid unsightly dents and gouges.

Make repairs to damaged material following instructions set forth in the *Londeck Technical and Installation Manual*.

AVAILABILITY AND COST

Lonseal products are available through a network of Qualified Dealers, Agents, and Factory Representatives.

The applied cost of LONDECK sheeting will vary with prevailing wage, job conditions, regional and quantity considerations. Obtain cost figures from the above sources for current estimating information.

WARRANTY

Lonseal offers a 10-year limited warranty for Exterior products. For details, see *Londeck Technical and Installation Manual*.

TECHNICAL SERVICES

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

FILING SYSTEMS

- www.lonseal.com
- Sweets Catalog Files
- Brochures, test reports, product data, specifications, and details are available upon request.

*COF not yet determined on some Londeck series (Coin, Plate, Smooth, Wave) products. Subject to change or alteration without notice

NOTE: Because they contain an average of 20% post-industrial recycled vinyl, all Lonseal products qualify for LEED points under MR 4.1.

NOTE: ASTM F 970 is a Pass/Fail test. To pass, residual indentation must be less than .007". This test does not establish load limit, only recovery from indentation.

All warranties, specifications, and instructions are subject to periodic change without advance notice. Please refer to the Lonseal website (www.lonseal.com) for up-to-date technical information.