

## LONDECK PLATE

### DIVISION

07 13 54 Thermoplastic Sheet Waterproofing

### Product Description

LONDECK PLATE blends the diamond steel-plate look of our legendary Lonplate series with the extreme-weather durability of our Exterior-grade Londeck series. LONDECK PLATE is perfect for giving floors and decks that steel-plate look without the dangers of actual steel.

### Applications

Excellent for both exterior decking and interior installations on boats, specialty vehicles or any situation that calls for a high performance decking solution.

### 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 uniquely textured surface, LONDECK PLATE is a resilient sheet vinyl that is composed of a co-calendared wear layer, middle layer and backing layer.

The co-calendared wear layer is formulated to provide maximum resistance to foot traffic in multiple commercial applications.

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: 0.100" (2.5 mm)  
Wear layer thickness: 0.032" (0.8 mm)

Roll Size: 6' (1.830 m) wide x 60' (18.3 m)  
Weight: 0.9 lb/sq. ft., 325 lbs/roll  
Colors: Three available

### TECHNICAL DATA

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

**Coefficient of Friction (COF):**  
(ASTM C 1028) Wet: 0.48 Dry: 0.65

**Heat Stability:**  
(ASTM F1504) Pass

**Light Stability:**  
(ASTM F1515) Pass

**Short-tem Indentation:**  
(ASTM F 1914) Pass

**Static Load Limit:**  
(ASTM F 970) - Modified  
1,000 psi residual compression of 0.005"

**Shore "A" Hardness:**  
(ASTM D 2240) Pass

**Castor Chair:**  
(ISO TR 4918) 25,000 cycles

**Chemical Resistance:**  
(ASTM F 925)  
NO Change: 5% Ammonia, 70% Isopropyl Alcohol, 5% Sodium Hydroxide, 5% Hydrochloric Acid, Mineral Oil, Bleach, Sulfuric Acid, Kerosene, Olive Oil, 5% Phenol  
Gasoline  
SLIGHT SURFACE DULLING: 5% Acetic Acid

(ASTM F 925) – Automotive Chemicals  
NO Change: Bearing Grease, Brake fluid, Radiator-Antifreeze, Rubber(tires), Differential/Gear Box Oil, Premix Oil/Gas Additive, Car Battery Acid, Armor All Protectant, WD-40 and Windshield Washer Fluid  
SLIGHT COLOR CHANGE: Transmission Oil and Brake Dust  
MODERATE COLOR CHANGE: Motor Oil

### 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 or Technical Manual for Exterior Products for detailed information.*

### Limitations

Not for use 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

Vinyl Welding Thread: seams are heat weldable

### MAINTENANCE

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

Use non-rubber walk-off matting to minimize the effects of tracked-on abrasive dirt and grit. Use adequate furniture rests to avoid unsightly dents and gouges.

### 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.

