



## Iso-Flex® 760 Aliphatic Lock Coat

### PRODUCT DESCRIPTION

Iso-Flex 760 Aliphatic Lock Coat is a two-component, high solids, chemically curing, polyurethane coating. It cures quickly to a high durometer, tough elastomer that bonds continuously to other urethane elastomers and sand saturated surfaces. Iso-Flex 760 Aliphatic Lock Coat has a low viscosity, and effectively encapsulates small aggregates to provide a tough, durable wear course for vehicular traffic. The thickness and aggregate loading will be dependent upon the service conditions.

### BASIC USES

Iso-Flex 760 Aliphatic Lock Coat is used as a lock coat for a sand saturated wear course or a seeded and back rolled wear course for Iso-Flex 760 Low Odor Coating Systems. Typical applications include parking structures, stadiums, loading docks, etc. that are exposed to traffic and direct ultraviolet light.

### ADVANTAGES

- Iso-Flex 760 Aliphatic Lock Coat develops a continuous bond to Iso-Flex sand saturated surfaces and Iso-Flex Base Coats.
- The product remains flexible over a wide temperature range.
- Iso-flex 760 Aliphatic Lock Coat exhibits exceptionally high elastomeric properties and excellent wear and weathering resistance.

### LIMITATIONS

- Iso-Flex traffic coating should be applied to concrete surfaces having a moisture vapor transmission (MVT) rate of no more than 3 lbs/1000SqFt/24 Hours. For conditions in excess of this threshold please contact LymTal Technical Service Dept. for recommendations.
- Due to variation in substrate porosity, surface profile and aggregate used, achievable coverage rates can vary.
- Application must be to clean, sound, dry substrates at temperatures above 40°F (5°C).

- Curing compounds, form release agents, sealers, or other contaminants may interfere with adhesion.
- Adequate ventilation must be provided as recommended by the manufacturer.

### PACKAGING

Iso-Flex 760 Aliphatic Lock Coat is available in 5 gallon containers.

### STANDARD COLOR

Concrete Grey

### TECHNICAL DATA FROM LABORATORY TESTS

(Field Properties May Vary)

Property	Test Method	Test Result
Weight per Gallon	—	9.1 lbs/gal
Hardness (Shore A)	ASTM D2240	88-96
Viscosity @ 77°F(25°C)	ASTM 2196 #4 RVT @ 20 rpm	2000-3000 cps
Flash Point	ASTM D93	171°F( 77.2°C)
Cure Time @ 77°F(25°C)	ASTM C920	24 hours
Abrasion Resistance	ASTN D4060 Tabor 1000 rev, CS 17 Wheel, 1000g	Loss 0.009g
Weathering Resistance	ASTM G53-83	No Visual Effect
Tensile Strength	ASTM D412	3500 psi
Ultimate Elongation	ASTM D412	330%
Tear Resistance	ASTM D1004	350 pli
% Yield (Wet→Dry)		96%
Pot Life @ 77°F(25°C)	ASTM C603	30-40 minutes
Shelf Life @ 77°F(25°C) (in sealed containers)		6 months

## **INSTALLATION**

Iso-Flex 760 Aliphatic Lock Coat must be installed over a freshly placed Iso-Flex 760 sand loaded Intermediate Coat or Iso-Flex Base Coat. The Iso-Flex 760 Aliphatic Lock Coat is quickly spread by squeegees and rollers to the correct wet millage.

## **PRECAUTIONS**

To ensure safe installation of Iso-Flex 760 Aliphatic Lock Coat, please refer to the Material Safety Data Sheets that accompany each product shipment.

## **MAINTENANCE**

Iso-Flex 760 Aliphatic Lock Coat can be spot patched as required.

## **WARRANTY**

LymTal warrants that its products are manufactured free of defects and conform to the technical data listed. Under this warranty we will replace, at no charge, any material proven defective when applied in accordance with our written instructions for applications recommended by us as suitable for subject product. LymTal shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of the product.

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**LymTal International, Inc.**

4150 South Lapeer Road • Lake Orion, MI 48359 • Tel (248) 373-8100 • Fax (248) 373-3480 • [www.lymtal.com](http://www.lymtal.com)