



## Iso-Flex® 750 Intermediate Coat

### PRODUCT DESCRIPTION

Iso-Flex 750 Intermediate Coat is a two-component, high solids, chemically curing, polyurethane coating. It cures quickly to a high durometer, tough elastomer that bonds continuously to primed concrete or a base membrane. Iso-Flex 750 Intermediate Coat has a low viscosity, and effectively encapsulates small aggregates to provide a tough, durable wear coarse for vehicular traffic. The thickness and aggregate loading will be dependent upon the service conditions.

### BASIC USES

Typical application of Iso-Flex 750 Intermediate Coat is as a wear course when installing the Iso-Flex 750 Coating Systems in areas of parking structures, stadiums, loading docks, etc. that are exposed to severe traffic conditions. The product may also be used as a patching compound prior to applying Iso-Flex 750 Base Coat.

### ADVANTAGES

- Iso-Flex 750 Intermediate Coat develops a continuous bond to Iso-Flex Base Coat.
- The product remains flexible over a wide temperature range.

### 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.

### TECHNICAL DATA FROM LABORATORY TESTS

(Field Properties May Vary)

Property	Test Method	Test Result
Weight Per Gallon		9.2 lbs/gal
Hardness (Shore A)	ASTM D2240	80-90
Viscosity @ 77°F(25°C)	ASTM 2196 #4 RVT @ 20 rpm	1000-2000 cps
Flash Point	ASTM D93	> 200°F (93°C)
Cure Time @ 77°F(25°C)	ASTM C920	6-8 hours
Weathering Resistance	ASTM G53-83	Yellowing
Tensile Strength	ASTM D412	2000 psi
Ultimate Elongation	ASTM D412	150%
Tear Resistance	ASTM D1004	180 pli
% Yield (Wet→Dry)		99%
Pot Life @ 77°F(25°C)	ASTM C603	25-30 min
Shelf Life @ 77°F(25°C) (in sealed containers)		6 months

### PACKAGING

Iso-Flex 750 Intermediate Coat is available in 5 gallon containers.

### STANDARD COLOR

Concrete Grey

## **INSTALLATION**

Iso-Flex 750 Intermediate Coat must be installed over freshly cured Iso-Flex Base Coat or freshly primed concrete. The Iso-Flex 750 Intermediate Coat is quickly spread by squeegees and rollers to the correct wet millage, and then saturated to excess with approved aggregate.

## **PRECAUTIONS**

To ensure safe installation of Iso-Flex 750 Intermediate Coat, please refer to the Material Safety Data Sheets that accompany each product shipment

## **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.

*Revised: 09/2018*

**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)