

Iso-Flex® 780 Intermediate Coat

PRODUCT DESCRIPTION

Iso-Flex 780 Intermediate Coat is a one-component, moisture curing, polyurethane coating. It cures to a high durometer, tough elastomer that bonds continuously to primed concrete or a base membrane. Iso-Flex 780 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 780 Intermediate Coat is as a wear course when installing the Iso-Flex 780/750 Coating Systems in areas of parking structures, stadiums, loading docks, etc. that are exposed to traffic.

ADVANTAGES

- Iso-Flex 780 Intermediate Coat develops a continuous bond to Iso-Flex Base Coat.
- The product remains flexible over a wide temperature range.
- Single component material with long work life.

LIMITATIONS

- Iso-Flex 780 Intermediate Coat must be applied to clean, dry, freshly cured Iso-Flex Base Coat or a primed substrate.

PACKAGING

Iso-Flex 780 Intermediate Coat is available in 5 gallon and 53 gallon containers.

STANDARD COLOR

Mortar Grey

INSTALLATION

Iso-Flex 780 Intermediate Coat must be installed over freshly cured Iso-Flex Base Coat or freshly primed concrete. The Iso-Flex 780 Intermediate Coat is quickly spread by squeegees and rollers to the correct wet millage, and then saturated to excess with approved aggregate.

TECHNICAL DATA FROM LABORATORY TESTS

(Field Properties May Vary)

Property	Test Method	Test Result
Weight per Gallon		9.25 lbs/gal
Hardness (Shore A)	ASTM D2240	80-90
Viscosity @ 77°F(25°C)	ASTM D2196 #4 RVT @ 20 rpm	1500-3000 cps
Flash Point	ASTM D93	110°F (43.3°C)
Cure Time @ 77°F(25°C)	ASTM C920	16-24 hours
Abrasion Resistance	ASTM D4060 Tabor 1000 rev. CS 17 Wheel, 1000g	Loss 0.01 grams
Weathering Resistance	ASTM G53-83	Yellowing. Chalking
Permeability	ASTM E398	1.6 perms
Tensile Strength	ASTM D412	2800 psi
Ultimate Elongation	ASTM D412	100%
Tear Resistance	ASTM D1004	180 pli
% Yield (Wet→Dry)		78%
Pot Life @ 77°F(25°C)	ASTM C603	1-2 hours
Shelf Life @ 77°F(25°C)	(in sealed containers)	6 months

PRECAUTIONS

To ensure safe installation of Iso-Flex 780 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.

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