



Iso-Flex® 760 Textured Aliphatic Lock Coat

PRODUCT DESCRIPTION

Iso-Flex 760 Textured Aliphatic Lock Coat is a two-component, high solids, chemically curing, polyurethane coating that includes an integral synthetic aggregate. It cures quickly to a high durometer, tough elastomer that bonds continuously to other urethane elastomers. Iso-Flex 760 Textured Aliphatic Lock Coat has a low viscosity, and provides a tough, durable wear course for vehicular traffic.

ADVANTAGES

- Iso-flex 760 Textured Aliphatic Lock Coat exhibits exceptionally high elastomeric properties and excellent wear and weathering resistance.
- The synthetic aggregate dramatically reduces the weight of the coating system.
- The aggregate is silica free.
- The aggregate chemically reacts with the polymer to form a tougher surface making aggregate roll out highly unlikely.
- The aggregate is 100% post-industrial recycled material.

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 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 Textured Aliphatic Lock Coat is available in 5 gallon containers.

STANDARD COLOR

Concrete Gray, Mortar Gray, Dark Gray

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 Textured Aliphatic Lock Coat must be installed over a freshly placed Iso-Flex Base Coat, Iso-Flex Intermediate Coat, or Iso-Flex 760 Textured Aromatic Lock Coat.

To apply, thoroughly mix the base and cure of the polymer mixture for 2 minutes. Then, while continuing to mix, slowly add in all of the proportioned aggregate. Mix for another 1-2 minutes until all the aggregate is evenly diffused in the resin. Apply the material to the deck at a coverage rate for the correct project mils using a notched squeegee and backrolled using a 3/8" nap roller. The top coat should then be backrolled again perpendicular to the first.

PRECAUTIONS

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

MAINTENANCE

Iso-Flex 760 Textured 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.

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