



Iso-Flex® 750 Top Coats

PRODUCT DESCRIPTION

Iso-Flex 750 Top Coats are one-part, moisture curing polyurethane coatings, used for locking in aggregate on a traffic bearing polyurethane coating system. Iso-Flex 750 Top Coats are available as either an aromatic or an aliphatic coating. These products have excellent abrasion resistance to wheel and pedestrian traffic.

Iso-Flex 750 AL Top Coat (aliphatic) is recommended for exterior, sun-exposed applications.

Iso-Flex 750 AR Top Coat (aromatic) is suitable for interior areas not directly exposed to the sun.

ADVANTAGES

- Iso-Flex 750 Top Coats are impervious to water and/or chloride penetration. They are also resistant to most common chemicals.
- Iso-Flex 750 Top Coats require no additional protection when left exposed to pedestrian and/or normal vehicular traffic.

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	Aliphatic	Aromatic
Weight		9.0 lbs/gal	9.3 lbs/gal
Hardness (Shore A)	ASTM D2240	80-90	80-90
Viscosity @ 77°F(25°C)	ASTM 2196 #4 RVT @ 20 rpm	1500-3000 cps	1500-3000 cps
Flash Point	ASTM D93	110°F (43.3°C)	110°F (43.3°C)
Cure Time @ 77°F(25°C)	ASTM C920	24 hours	24 hours
Abrasion Resistance	ASTM D4060 Tabor 1000 rev, CS 17 Wheel, 1000g	Loss 0.03g	Loss 0.03g
Weathering Resistance	ASTM G53-83	No Visual Effect	Yellowing
Permeability	ASTM E398	1.6 Perms	1.6 Perms
Tensile Strength	ASTM D412	2500 psi	2500 psi
Ultimate Elongation	ASTM D412	100%	100%
Tear Resistance	ASTM D1004	200 pli	200 pli
% Yield (Wet→Dry)		80%	78%
Pot Life @ 77°F(25°C)	ASTM C603	1-2 hours	1-2 hours
Shelf Life @ 77°F(25°C)	(in sealed containers)	6 months	6 months
Chemical Resistance	No Effect on System – Common Oils, Solvents and Salts, Alkalis, Motor Oil, Anti-Freeze, Gasoline, Mineral Spirits		

PACKAGING

Iso-Flex 750 Top Coats are available in 5 gallon or 53 gallon containers.

STANDARD COLOR

Concrete Grey *(Special colors available upon request at additional cost)*

INSTALLATION

Iso-Flex 750 Top Coats must be applied to a clean, dry, sound substrate. When applying over Iso-Flex 750 Base Coat, the base coat must be less than 36 hours old and be free of dust and moisture. If the base coat was applied more than 36 hours ago, or the surface has been exposed to dust and moisture, consult the manufacturer for specific recommendations on preparation of the surface.

PRECAUTIONS

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

MAINTENANCE

Iso-Flex 750 Top Coats may wear under prolonged traffic and 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