



Iso-Flex® 750 Textured Top Coats

PRODUCT DESCRIPTION

Iso-Flex 750 Textured Top Coats are one-part, moisture curing polyurethane coatings, with an integral synthetic aggregate for use as a wear course or top coat in a traffic bearing polyurethane coating system. Iso-Flex 750 Textured 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 Textured Top Coat (aliphatic) is recommended for exterior, sun-exposed applications.

Iso-Flex 750 AR Textured Top Coat (aromatic) is suitable for interior areas not directly exposed to the sun and as an intermediate coat when covered by the 750 AL on sun exposed applications.

ADVANTAGES

- Iso-Flex 750 Textured Top Coats are impervious to water and/or chloride penetration. They are also resistant to most common chemicals.
- 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.
- The aggregate is 100% post-industrial recycled material.

LIMITATIONS

- Iso-Flex traffic coating should be applied to 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.
- Due to variation in substrate porosity, surface profile and aggregate used, 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
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 Textured Top Coats are available in 5 gallon containers.

STANDARD COLOR

Concrete Gray, Mortar Gray, Dark Gray

INSTALLATION

Iso-Flex 750 Textured 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.

To apply, thoroughly mix the polymer 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 mils on the project 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 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.

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