

Iso-Flex[®] 630 Coating

PRODUCT DESCRIPTION

Iso-Flex 630 is a two-component, polyurethane, industrial floor coating with exceptional gloss and color retention properties. The product is available in clear and pigmented versions.

Iso-Flex 630 is specifically designed for use in both interior and exterior applications.

BASIC USES

Iso-Flex 630 is used whenever a light, stable, chemical resistant, thin polyurethane coating is required. It may be applied to concrete or over other Iso-Flex polyurethane coating systems. Typical applications include concrete showroom floors, tennis courts, decorative plazas and as a special-color light stable top coat for the Iso-Flex 750U and 750EU Deck Coating Systems.

ADVANTAGES

- Excellent chemical resistance. Virtually no effect when exposed to battery acid, brake fluid, alcohol, alkalis and many other harsh chemicals.
- Outstanding gloss and color retention even under ultraviolet exposure.
- Good abrasion / wear resistance under normal traffic conditions.
- Relatively fast dry times for quicker turnovers.

LIMITATIONS

- Application must be to a clean, dry substrate.
- Requires a primer over most surfaces including steel, aluminum, concrete and masonry materials.
- Install above 40F.

PACKAGING

Available in 4 gallon containers.

STANDARD COLORS

Concrete Gray

(Special colors available on request)

INSTALLATION

Iso-Flex 630 should be applied to clean, dry substrate. Surface preparation and primer selection shall be at manufacturer's recommendation.

This material may be applied by spraying, brushing, or rolling. Tools must be cleaned with solvent.

Iso-Flex 630 is applied in two coats for a total coverage of 100-200 ft.²/gal. Coverage rates will vary with concrete porosity and other substrate conditions.

TECHNICAL DATA FROM LABORATORY TESTS

(Field Properties May Vary)

Property	Test Method	Test Results
Weight per Gallon		9.3 lbs/gal
Hardness (Shore A)	ASTM D2240	95
Viscosity @ 77°F(25°C)	ASTM 2196 #4 RVT @ 20 rpm	200 - 300 cps
Flash Point	ASTM D93	81°F
Cure Time @ 77°F(25°C)	ASTM C920	10-12 hours (recoat overnight)
Abrasion Resistance	ASTM D4060 Tabor 1000 rev, CS 17 Wheel, 1000g	Loss 0.03 grams
Weathering Resistance	ASTM G53-83	No Visual Effect
% Yield (Wet→Dry)		64% ± 2%
Pot Life @ 77°F(25°C)	ASTM C603	3 - 4 hours
Shelf Life @ 77°F(25°C)	(in sealed containers)	1 year

PRECAUTION

Iso-Flex 630 is a flammable liquid and must be used with adequate ventilation and personal protection. Refer to the Material Safety Data Sheet for detailed health and safety information prior to use.

MAINTENANCE

If Iso-Flex 630 shows wear in heavy traffic areas over time, it can be re-coated or 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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