

Iso-Flex® 760 ZV Base Coat

PRODUCT DESCRIPTION

Iso-Flex 760 ZV Base Coat is a one-component, moisture curing, volatility compliant, urethane coating designed for use under direct exposure to pedestrian and/or vehicular traffic. The product is nearly odorless, and complies with all current VOC limits for traffic coatings. Iso-Flex 760 ZV Base Coat is ideal for use in confined spaces and other areas where solvent vapors represent a hazard.

The Iso-Flex 760 ZV Base Coat is covered by a variety of aggregate loaded traffic toppings. The composition and thickness of such toppings will be dependent upon the service conditions.

BASIC USES

Typical applications for Iso-Flex 760 ZV Base Coat include parking structures, stadiums, mechanical room floors, plazas, roof decks, recreation decks and other concrete, masonry or wood structures where waterproof coated surfaces are exposed to pedestrian or vehicular traffic.

ADVANTAGES

- Iso-Flex 760 ZV Base Coat is a one-component product.
- Iso-Flex 760 ZV Base Coat complies with all current VOC requirements.
- The system develops a continuous bond to most substrates and is impervious to water and/or chloride penetration. The system is also resistant to most common chemicals.
- The system never age hardens, remains flexible over a wide temperature range and is able to successfully bridge small cracks.

LIMITATIONS

- Iso-Flex 760 ZV Base Coat is designed for application in relatively thin mil film thicknesses. Variations in mil thickness of the cured membrane are to be expected due to differences in the porosity and profile of the substrate.

- Application must be to clean, sound, dry substrates at temperatures above 40°F (5°C).
- Adequate ventilation, as recommended by the manufacturer, must be provided in application areas.

PACKAGING

Iso-Flex 760 ZV Base Coat is available in 5 gallon containers.

TECHNICAL DATA FROM LABORATORY TESTS

(Field Properties May Vary)

Property	Test Method	Test Results
Weight per Gallon		9.2 lbs/gal
Hardness (Shore A)	ASTM D2240	75-80
Viscosity @ 77°F(25°C)	ASTM D2196 #4 RVT @ 20 rpm	4000-6000 cps
Flash Point	ASTM D93	245°F
Cure Time @ 77°F(25°C)	ASTM C920	48 hours
Abrasion Resistance	ASTM D4060 Tabor 1,000 Rev. CS 17 Wheel, 1000g	Loss 0.03 grams
Weathering Resistance	ASTM G53-83	Slight chalking after 2000 hours
Permeability	ASTM E398	1.6 perms
Peel Adhesion	ASTM C794	350 psi
Tensile	ASTM D412	2800 psi
Ultimate Elongation	ASTM D412	600%
Tear Resistance	ASTM D1004	150 pli
% Yield (Wet→Dry)		99%
Pot Life @ 77°F(25°C)	ASTM 603	1-2 hours
Shelf Life	(in sealed containers)	6 months
Chemical Resistance	No Effect - Common Oils, Solvents and Salts, Alkalis, Anti-Freeze, Gasoline, Mineral Spirits	

STANDARD COLOR

Mortar Grey

INSTALLATION

Preliminary: Surfaces to receive Iso-Flex 760 ZV Base Coat must be clean, dry, sound, relatively smooth and free of voids, ridges and sharp projections. New concrete surfaces should be water cured or cured with compatible curing compounds.

Surface Preparation: Shotblasting must be employed to provide a sound, clean substrate. In areas where shotblasting is not feasible, consult the manufacturer for other methods of surface preparation. If more than 48 hours elapses between coats, the surface may need to be primed. Consult the manufacturer for specific recommendations

Detailing: Joints or cracks should be pretreated prior to general application by sealing, grinding out and sealing or overbanding with compatible Iso-Flex products, as recommended. Terminations and penetrations should also be sealed prior to general application.

Application: Iso-Flex 760 ZV Base Coat must be applied in accordance with the manufacturer's specific recommendations.

PRECAUTIONS

To ensure safe installation of Iso-Flex 760 ZV Base 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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