

Iso-Flex® 885 SG Sealant

PRODUCT DESCRIPTION

Iso-Flex 885 SG is a two-component, slope grade, chemically curing, urethane sealant for use in engineered joints.

BASIC USES

Typical applications include: control joint and expansion joint systems for parking structures, stadiums, plazas, water and sewage treatment facilities, and other types of concrete construction. Iso-Flex 885 SG is unsurpassed in toughness and durability. Iso-Flex 885 SG is an excellent product for use on factory topped precast parking structures.

ADVANTAGES

- Iso-Flex 885 SG sealant cures to a tough elastomer, having exceptional resistance to wheel and foot traffic.
- Iso-Flex 885 SG is designed for use on slightly sloped surfaces.

LIMITATIONS

- Performance of this sealant is closely related to preparation, application techniques and structural behavior. Installation conditions should be as recommended by the manufacturer.
- Install at 40°F or above.

PACKAGING

Available in 1.75 gallon and 1 gallon containers.

STANDARD COLORS

Mortar Grey, Black, Off White (*Special colors available on request at additional cost*)

APPLICABLE STANDARDS

Iso-Flex 885 SG will meet and exceed the requirements of ASTM C920, Type M, Class 25, Use T, NT, M.

INSTALLATION

Preparatory Work: Thorough surface preparation is essential. It is required that joint interfaces be dry, clean, and sound for an effective sealant application. All joint edges should have a tooled radius wherever possible. Grind or sandblast the joint edges to remove laitance, unsound concrete and contaminants. When grinding do not glaze surface.

Bond Breaker: Sealant should not be applied directly over cork, or fiberboard fillers, which are usually damp and not tight in the joints. These fillers should be cut out deep enough to allow insertion of a proper size filler, to obtain tight back-up and bond breaker. Use foam fillers as recommended by the manufacturer.

TECHNICAL DATA FROM LABORATORY TESTS		
Property	Test Method	Test Results
Movement Capability	ASTM C719	± 25%
Tensile Strength	ASTM D412	225 psi
Ultimate Elongation	ASTM D412	750%
Hardness (Shore A)	ASTM C661	30 ± 5
Low Temperature (Flexibility @ -40°F)	ASTM D1790	Pass
Heat Aging	ASTM C920	2%
Shelf Life @ 70°F in sealed container	—	9 months
Recovery	ASTM C920 Bond Durability Test Blocked @	98%
Water Immersion	Samples between masonry blocks will withstand water immersion while elongated 25%	

Methods: Sealant is mixed and applied to the joint with a caulking gun, keeping sealant slightly low in the joint. Sealants have a work life and cure time dependent on the temperature.

Caution: Joints should be protected from water immersion, due to rain or snow, during the initial cure. Iso-Flex 885 SG Sealant should not be installed over damp or wet fillers.

PRECAUTIONS

Use Iso-Flex 885 SG with adequate ventilation and personal protection. Refer to Material Safety Data Sheet for detailed health and safety information prior to use.

MAINTENANCE

In the event of damage to the sealant in the joints, proven procedures are available for repairing and rebonding Iso-Flex Sealants to the existing sealant.

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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