

Iso-Flex[®] 888 QC Sealant

PRODUCT DESCRIPTION

Iso-Flex 888 QC is a two-component, self leveling, fast curing, urethane sealant for use in engineered joints.

BASIC USES

Typical applications include: control joint and expansion joint systems for highways, parking structures, stadiums, plazas, water and sewage treatment facilities, and other types of concrete construction. Iso-Flex 888 QC is very low in modulus and exhibits high elongation.

ADVANTAGES

- Iso-Flex 888 QC sealant cures rapidly to a soft elastomer, having exceptional elastomeric properties.
- Iso-Flex 888 QC sealant has been designed for use under extended water immersion.
- Iso-Flex 888 QC sealant contains no asphalt or coal tar additives, and is among the most dimensionally stable sealants available.

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. (5° C) or above.

PACKAGING

Available in 1.5 gallon containers.

STANDARD COLORS

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

APPLICABLE STANDARDS

Iso-Flex 888 QC will meet and exceed the requirements of ASTM C920, Type M, Class 50, Use NT, M.

INSTALLATION

Preparatory Work: Thorough surface preparation, to insure a dry, clean, sound joint edge, is essential for a good horizontal joint sealant application. All joint edges should have a tooled radius wherever possible. They should be cleaned by sand blasting, by power wire brushing, or by grinding the edge to insure a clean, sound substrate. Install the Iso-Flex 888 QC 1/4" below the joint 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 proper size filler, to obtain tight back-up and bond breaker. Use foam fillers as recommended by the manufacturer.

TECHNICAL DATA FROM LABORATORY TESTS

(Field Properties May Vary)

Property	Test Method	Test Results
Movement Capability	ASTM C719	+100% -50%
Tensile Strength	ASTM D412	120 psi
Ultimate Elongation	ASTM D412	1500%
Hardness (Shore A)	ASTM C661	30 ± 5
Low Temperature (Flexibility @ -40°F)	ASTM D1790	Pass
Heat Aging	ASTM C920	2%
Pot Life	ASTM C603	20 minutes
Skin over time @ 70°F		45 minutes
Recovery	ASTM C920 Bond Durability Test Blocked @ 50% for 48 hrs.	90%
Water Immersion		Samples between masonry blocks will withstand water immersion while elongated 100%

Applications: All joints must be carefully and thoroughly primed, using prescribed primers. Sealant is mixed and applied to the joint with a caulking gun, keeping the sealant 1/4" 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 888 QC Sealant should not be installed over damp or wet fillers.

PRECAUTIONS

Use Iso-Flex 888 QC 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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LymTal International, Inc.

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