

Iso-Flex® 609 Epoxy Crack Sealer

PRODUCT DESCRIPTION

Iso-Flex 609 Epoxy Crack Sealer is a two-component, 100% solids, moisture tolerant epoxy penetrating concrete sealer and hairline crack sealer. It is a very low viscosity resin possessing excellent wetting characteristics and adhesion to both dry and damp concrete.

BASIC USES

Iso-Flex 609 Epoxy Crack Sealer is used to:

- seal concrete and protect it from the attack of water, salt and other chemicals.
- penetrates and seals hairline cracks in concrete.

ADVANTAGES

- Penetrates cracks that are less than 10 mils in width.
- Low viscosity, easy to apply.
- Penetrates porous surfaces.
- Protects concrete from water and chloride absorption.
- Bonds to dry and damp concrete.
- Consolidates weak concrete surfaces.

LIMITATIONS

- Iso-Flex 609 Epoxy Crack Sealer is very exothermic in a large mass and should be spread onto the surface as soon as the mixing is complete.
- Apply to substrates above 50°F and below 90°F.
- Sealed concrete may have a blotchy appearance.
- Store between 50°- 90°F

PACKAGING

Iso-Flex 609 Epoxy Crack Sealer is available in 1 and 5 gallon units.

INSTALLATION

Apply to a clean, dry, sound substrate that has no surface contamination. Some dampness in the concrete is tolerable but a dry surface is preferred.

All cracks greater than 1/16" in width should be routed and caulked prior to applying the sealer. Mask any expansion joint sealant to prevent adhesion of the Iso-Flex 609. Mix the two components, Base and Curing Agent, with a low speed drill for 2-4 minutes. Quickly distribute the sealer onto the substrate with a squeegee or roller. Apply excess material to cracks and allow the sealer to seep into the crack. After several minutes remove excess sealer from the entire surface with a roller. Average coverage rate for the first coat should be 150 ft²/gal. A second application at 150/300 ft²/gal can be applied in 10-12 hours. For anti-skid or subsequent coating application, a 20-40 mesh sand may be broadcast into the second coat not earlier than two hours after application, but before the Iso-Flex 609 becomes tack free.

TECHNICAL DATA FROM LABORATORY TESTS

(Field Properties May Vary)

Property	Test Method	Results
VOC	—	0
Specific Gravity	ASTM D1475	1.09
Viscosity	Brookfield RVF No.4 @ 100 RPM	90 cps
Color	—	Clear to Straw yellow
Pot Life	—	20 – 25 minutes
Tack Free Time (77°F)	—	Approx 7 hrs.
Tensile Strength	ASTM D412	7000 psi
Elongation	ASTM D412	1-5%
Flexural Strength	ASTM D790	9000 psi
Compressive Strength	ASTM D695	7,000 psi
Shelf Life	—	1 year

Clean-Up: Clean tools, equipment and spills immediately with MEK or Xylene while still wet. Cured Iso-Flex 609 Epoxy Crack Sealer will require mechanical abrasion to remove.

PRECAUTIONS

To ensure safe installation of Iso-Flex 609 Epoxy Crack Sealer, please refer to the Material Safety Data Sheets that accompany each product shipment.

MAINTENANCE

In heavy traffic areas, the Iso-Flex 609 Epoxy Crack Sealer will eventually wear through. The surface can be resealed with new sealer. Contact manufacturer for recommended surface preparation and coverage rates

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.

4150 South Lapeer Road • Lake Orion, MI 48359 • Tel (248) 373-8100 • Fax (248) 373-3480 • www.lymtal.com