

Iso-Flex® 920 Elastomeric Patch

PRODUCT DESCRIPTION

Iso-Flex 920 Elastomeric Patch is an engineered three component polyurethane based repair material. It is designed to fill spalls, level and repair other damage to concrete slabs.

BASIC USES

Iso-Flex 920 Patch is used primarily as a spall repair material. The product is designed to support loading with minimal deflection and will also absorb impact without cracking. Typical uses include concrete slab repair on bridge decks, airport pavements, parking structures and other concrete facilities.

ADVANTAGES

- Easy to mix and install.
- The three system components are conveniently pre-proportioned and packaged together for easy field mixing.
- Remains flexible over a wide temperature range.
- Cures at temperatures down to 32° F.
- Gray color blends in with concrete surface.
- Has excellent weatherability.

LIMITATIONS

- Apply to clean, dry, sound substrate.
- The application temperature must be above 40° F.

PACKAGING

Available in 800 cubic inch kits (approximately .45 cubic feet).

STANDARD COLORS

Gray

INSTALLATION

Preliminary: Surfaces to receive the Iso-Flex 920 Patch must be clean, dry and sound.

Preparation: Prepare the substrate by sandblasting.

Installation: Concrete substrates must be treated with Iso-Flex Primer #10 before the Iso-Flex 920 Patch is installed.

Use a drill with a Jiffy/paddle type mixer for best mixing results. Pour the Part A and Part B liquids into a clean 5-gallon bucket. Immediately and progressively add in the pre-packaged aggregate while mixing, until all aggregate has been added. Mix for approximately 1 minute. Once fully mixed, immediately pour the Iso-Flex product onto the prepared surfaces.

PRECAUTIONS

Refer to Material Safety Data Sheet for detailed health and safety information prior to use.

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.

TECHNICAL DATA FROM LABORATORY TESTS		
Property	Test Method	Test Results
Tensile Strength	ASTM D412	1300 psi
Elongation @ Break	ASTM D412	290% min
Hardness (Shore A)	ASTM D2240	82+/-5
Tear Strength	ASTM D624	398 psi min.
Adhesion Properties Bond to Concrete	ASTM C109	350 psi min.
Pot Life once A & B are mixed		20 min.
Ozone Resistance	ASTM D1149	No Cracks
U.V. Resistance	ASTM G53	Excellent
Compress. Strength 5% deflection Resilience, %	ASTM D695	1100 psi min. 96% min.
Impact (Ball Drop) -15F.	ASTM D3029	Pass