

RepairX™

Concrete Repair



LEED® EQ Credit 4.1: Low Emitting Materials: Adhesives & Sealants

PRODUCT DESCRIPTION

SealSource **RepairX™** is a rapid repair product. It is a low viscosity, specially formulated polymer designed to repair concrete substrates. Repair X is meant to be used in a variety of unique applications.

USES

- Repairing cracks and spalls in traffic areas
- Below grade repairs
- Parking deck repairs
- Spalled control joints
- Fill pop-outs on horizontal spaces
- Interior spaces
- Polished concrete floors
- Freezer applications

ADVANTAGES

- Fast return to service in 30 minutes
- Minimal odor and low VOC's
- Can cure in -25°F (At lower temperatures, cure time will be extended.)
- Mix with dry industrial quartz to produce a durable polymer concrete
- May be mixed with silica flour, polishing dust,
- Portland cement, cabosil, and fumed silica
- May be feather-edged
- Self-leveling
- Good chemical resistance

MIXING

RepairX™ is a two-component product, consisting of Part A and Part B. Thoroughly shake the cartridge for several minutes before using material. If you mix Repair X by hand, pour Part B into Part A and blend for 8-10 seconds. Do not mix more product than can be put down in the space of three minutes. If adding pigment to kits, use 1oz. of pigment to 10 oz. of the A & B mixture. Stir combined mixture thoroughly for 8-10 seconds to make color homogeneous and to eliminate streaking.

PHYSICAL PROPERTIES

| | |
|---|-----------|
| Tack-Free Time (minutes): | 15-20 |
| Pot Life: <i>ASTM D1640</i> | 3-4 min |
| VOC Content: | 1.8% |
| Solids Content: | 98.2% |
| Shore D Hardness: <i>ASTM D2240</i> | 60-65 |
| Elongation: <i>ASTM D 638, Type IV</i> | 2-4 |
| Tensile Strength (PSI): <i>ASTM D368, Type IV</i> | 3300-4000 |
| Tear Strength(lb/in.): <i>ASTM D624, Die C</i> | 175-200 |
| Taber Abrasion: <i>ASTM D4060</i> (CS-17 wheel, 1000 cycles) | 400-500 |

The values stated in this technical data sheet are produced under controlled laboratory conditions.

PREPARATION & INSTALLATION

Coating performance and adhesion are directly related to surface preparation. Many surface-coating failures can be attributed to improper surface preparation. Coatings are partially dependent on the integrity and structure strength of the substrate. A properly prepared substrate is free of contaminants, including but not limited to dust, dirt, oil, grease, rust, and corrosion. For additional information, please review the material processing and handling guide or contact a member of the SealSource technical support team.

COLORS

Please refer to the color charts on our website www.sealsource.com If you need a special color for a specific application, please contact SealSource for more information.

PACKAGING

2 Quart Kit

1 quart Part-A (Isocyanate) and 1 quart Part-B (Resin)

2 Gallon Kit

1 Gallon Part-A (Isocyanate) and 1 Gallon Part-B (Resin)

10 Gallon Kit

5 Gallon Part-A (Isocyanate) and 5 Gallon Part-B (Resin)

SHELF LIFE

A properly stored product in original, unopened factory containers, kept at a temperature above freezing should have a shelf life of 12 months from the date of shipment.

SAFETY

For in-depth information on product safety and precautions, please review the product SDS sheets. Prior to using the product, ensure that you have the proper personal protection equipment (PPE) available. This includes but is not limited to the following items:

- Safety Glasses with a splash shield
- Minimum Organic Coatings Respirator
- Rubber or Nitrile Gloves
- Disposable or Reusable Long Sleeve Overalls
- Rubber or leather boots

Always follow these precautions:

- Do Not use near high heat or open flame
- Do Not take internally
- Keep out of reach of children

CLEAN UP/ DISPOSAL

There are no restrictions when disposing of cured product. If there's excess liquid, Parts A & B should be mixed first, cured, and then disposed of. Drip-free containers should be disposed of according to local, state, and federal laws.

WARRANTY

SealSource® International LLC, will refund the price of or replace, at its election, product it finds to be defective provided the product has been used properly. Except as expressly stated above, the Company makes no warranty of merchantability and no warranty of fitness for any particular purpose, nor does it make any warranty, expressed or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, for loss of use, for indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.

TECHNICAL SUPPORT

For technical support, please call 801-224-3800 Monday to Friday between the hours of 8am – 5pm MST. You may also send an email anytime to technicalsupport@sealsource.com.