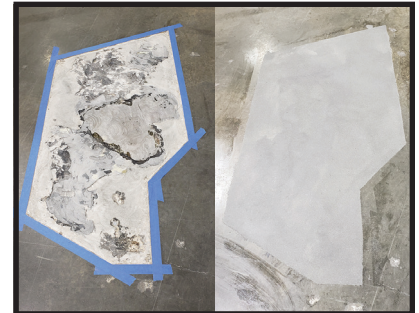# SHARE CORP™

# POXYPATCH

## A Rapid Cure Concrete Repair Compound

- Kits packaged in 1.5 gal. medium gray
- Excellent for spalled or damaged concrete
- Easy to mix - 2 part, 2:1 mix ratio
- Cures hard in 2.5 hrs. for vehicle traffic
- Can be applied to cold floors down to 35 degrees F/2 deg. C
- Can be applied to damp concrete
- Low odor
- High strength - 4 times stronger than concrete
- Bond to concrete, masonry, metals and weather-aged wood
- Resistant to lubricants and fuels



### Poxypatch Coverage

Square footage @ 1/4 thickness

| | |
|---|---|
| 1.25:1 | 18 |
| 1.50:1 | 21 |
| 1.75:1 | 23 |
| 3:1 | 31* |
| 4:1 | 41* |

**\*Additional aggregate required**

## Applications:

- Cracked foundations
- Damaged concrete steps
- Spalled concrete
- Building curbs
- Cracked and broken concrete
- Setting rails and posts
- Roadway and bridge decks
- Repairing expansion joints

## Specifications:

- Tensile strength (ASTM D638).................................................... 9100 psi
- Compression strength (ASTM D695) .................................... 11,100 psi
- Elongation (ASTM D638)....................................................................4.7%
- Hardness Shore D, (ASTM D2240)........................................................78
- Cured color.................................................................................Gray
- Pot life, 70 deg F/21C................................................................. 30 min
- Working time, 70 deg F/21C ....................................................... 30 min
- Cure time, 70 deg F/21C
  Light vehicle traffic...................................................................... 2 hrs.
- Heavy vehicle traffic ................................................................. 2.5 hrs.

**\*\*Warning:** To maximize pot life, remove Poxypatch from mixing bucket as quickly as possible. Pot life decreases if there is more than an inch of mixed product in the bucket. Higher temperatures will significantly reduce working time and pot life.

## Cautions:

Wear chemical goggles and NIOSH approved respirator. Wear proper protective clothing and gloves to prevent direct contact of resins. Consult Safety Data Sheet for full listing of protective requirements.

# POXYPATCH
# Instructions

## Products Needed:

1. Poxypatch
2. 4.5 inch concrete cutting wheel
3. Shop vacuum
4. Drill motor
5. Liquid mixer (Concrete mixer)
6. 4.5 inch concrete grinding wheel
7. Concrete trowel
8. Hammer
9. Chisel
10. Rags
11. Measuring bucket 2.5 quart
12. Mixing bucket 5 gal.
13. Blue painter's tape
14. Acetone
15. Alcohol 91%

## Preparation:

1. Using a 4.5 inch cutting wheel, cut a perimeter around the area to be repaired. Make cut 1/4-3/8 deep. *(Creating a square will always result in a nice looking finished product.)*
2. Remove all damaged and cracked concrete until the hole has a solid foundation.
3. Grind concrete within the perimeter of the area to be repaired at least 1/4 inch deep.
   Your finished product should have the entire hole groiund with fresh cut concrete. (This profiles your concrete to allow the epoxy coating to soak in and adhere to the concrete.)
4. Vacuum the entire area to remove all debris and tape the perimeter using blue painter's tape.

## Installation:

1. Poxypatch is mixed at a 2:1 ration (2 parts resin to 1 part hardener)
2. Recommendation - if doing a large area or multiple holes, mix small batches as this product has a short pot life and when adding 3 parts aggregate to your resin it will create a great deal of repair compound. (Example: 1 qt. of mixed product will create at least 3 quarts of mortar)
3. Mix desired amount using 2 quart mixing buckets to measure out quantities needed. Mix only enough that can be applied in 15 minutes.
4. Mix resin together for 3 minutes then begin adding aggregate and mix for an additional 2 minutes. I recommend a mixture of 3 parts aggregate to 1 part resin. (You can use a mixture of 4 to 1 for a stiffer mortar for vertical applications or a 2 to 1 mixture for more of a self-leveling application.
5. Spread Poxypatch across the damaged area, applying the product 1/8 inch above the level of the concrete.
6. Using 91% alcohol in a spray bottle and your trowel, lightly spray your trowel and begin smoothing out the Poxypatch while applying pressure. Remove or add Epoxy as needed to get the desired height (the alcohol will prevent the Poxypatch from sticking to the trowel and allow a nice, textured finish.)
7. Once the desired finish is achieved, remove the tape from floor and wipe down any residue left by the Poxypatch and allow to cure.
   *(Depending on temperature, Poxypatch should take about 3 to 4 hours to cure.)*