

PRODUCT DESCRIPTION

This kit is designed to provide emergency or permanent patching for interior spalled concrete substrates to a maximum depth of 2" (contact Res-Tek if repair exceeds 2"). It is intended for use by trained personnel only. The application of this product gives off odors that may be offensive to others, and should be used in a properly ventilated area.

EQUIPMENT CHECKLIST

- Drill Motor - 1/2" 450-600 RPM
- Shop-Vac
- Mixing Paddle
- Trowels
- Wire Brush, or Scarifier, or Hammer & Chisel

SURFACE PREPARATION

- Remove all loose dirt, dust, oil, and any other foreign substances that would impair adhesion to the concrete.
- For best results perimeter of repair area should be saw cut to a minimum of 1/4" depth and chipped back.
- Concrete should be dry with a white, abraded appearance.
- Scarify for best results, or use hammer and chisel, chipping hammer, wire brush, or sandblast.
- Vacuum or air blow area to be patched.



PRIMING

- Open kit.
- Remove RT-710, RT-R Component, and Powder Hardner.
- Pour entire contents of RT-R Component into RT-710 container and mix well.
- Measure, add, and mix appropriate amount of Powder Hardner into RT-710 container. (Refer to Mixing Chart for required amount of Powder Hardner).
- Mix components thoroughly with drill paddle.
- Apply RT-710 liberally using brush provided, and do not allow material to puddle.
- Place unused RT-710 Primer outdoors away from building.
- Refer to Clean-Up section on back.
- Allow primer to fully cure before proceeding (40 – 60 minutes).

PLACEMENT OF RT-05 POLYMER CONCRETE

- Remove remaining components from pail.
- Pour contents of RT-05 Liquid into pail.
- Add 5 1/2 ounces of Powder Hardner to pail and mix thoroughly.
- If repair area is deeper than 1/2" add bag of 3/8" pea gravel to pail. Contact Res-Tek for additional instructions when patching depths greater than 2".
- Add entire 31 lb. bag of RT-05 Powder to pail and mix thoroughly with drill and mixing paddle.
- Place appropriate amount of mixture into void or area to be repaired. Work material into place using a steel trowel, and tamp slightly to insure removal of entrapped air.
- Trowel the surface to provide a neat, smooth finished appearance.

Note: Add 5 1/2 ounces of Powder Hardner to pail and mix thoroughly.

RES-TEK INC.

110 Riverside Drive
Cartersville, Georgia 30120

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F. 770.427.4037



Rapid Repair Kit

RT-05 Polymer Concrete

CLEAN-UP

Clean all equipment immediately after use with RT-MMA Cleaner, Acetone, MEK, or other site approved cleaning solvent.

APPLICATION INFORMATION

Cure Time :

40 - 90 minutes

Application Temperature:

30 degrees F to 104 degrees F

RT-710 Mixing Chart					
Temperature	30° - 44°F	45° - 59°F	60° - 74°F	75° - 89°F	90° - 104°F
Ounces of Powder	2.0 – 1.75	1.75 – 1.5	1.25 – 1.0	1.0 – 0.75	0.75
Hardner					

Yield:

RT-710 Primer: 25 sq.ft.

RT-05 PC: 25 sq.ft. @ 1/8" or 0.26 cubic feet (neat mortar) 0.35 cubic feet (extended with aggregate supplied)

Repair area will be ready for traffic in 1 - 2 hours depending on temperature.

STORAGE CONDITIONS

Store material in a cool and dry place out of direct sunlight. Do not store near open flame or ignition source. Read and understand all product labels and MSD sheets prior to use.

CAUTION

Res-Tek RT-05 polymer concrete liquid is a flammable liquid in its uncured state (as provided). All sources of ignition should be removed from the work area before handling this product. No smoking, open flames, or sparks should be permitted in and around the work area. Workers should wear protective clothing including goggles and impermeable gloves. If allowable exposure limits are exceeded, organic vapor respirators should be worn. All on-site personnel should become familiar with the MSD Sheet and hazard section of application binder in order to increase hazards awareness.

WARRANTY

Res-Tek Inc. warrants that materials shipped to buyers are free of any defects in material or workmanship according to Res-Tek's published data if used in accordance with Res-Tek's specified application procedure. Res-Tek Inc. shall not be responsible for any claim resulting from failure to utilize product in the manner in which it was intended, and in accordance with Res-Tek's application guidelines. Res-Tek Inc. has no responsibility for application and processing of products.

- This product is sold by weight, not by volume. Product properties require that containers provided are not completely filled. See price sheet for actual container weight and volume.

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