

# HEAT-PATCH™

## Extreme Heat Concrete Repair Patch



### DESCRIPTION

Heat-Patch™ resists extreme high temperatures to 3,000°F. Has excellent thermal shock characteristics, resistance to acids, and has high abrasion resistance. Unique cement blend contains no asbestos, mixes with water to achieve a mortar consistency. Heat-Patch™ is unaffected by weather conditions.

### USES

Resurface, patch holes and cracks, and as a mortar to reset and install firebricks. Repair barbecue, boilers, furnaces and fireplaces.

### PRODUCT ADVANTAGES

- Slow setting time allows mortar to become extremely hard and durable.
- High heat increases strength of mortar

### YIELD/COVERAGE

- 8.5 sq. ft. at 1" per unit

### SURFACE PREPARATION

All dirt, oil, dust, foreign contaminants, peeling coating and laitance must be removed from surface prior to coating to assure a trouble free bond. Previously coated floors exhibiting a strong bond to surface can be coated over by sanding down the existing coating.

Refer to Garon's Master Surface Preparation & Moisture Guideline for complete details.

### MIXING AREA

Select a suitable mix area and protect the floor surface from accidental resin spillage with a layer of cardboard and/or plastic sheet. Provide enough space for free unimpeded movement for mixing activity. The more comfortable your surroundings in the mix area, the less likely your mixers are to have an error. Have all necessary tools ready: slow speed drills, mix and measure containers, etc. **Do Not Start Mixing Materials Until Ready for Immediate Use.** Once material is finished being mixed, it must be used immediately. Prior to mixing apply masking tape wherever coating is intended to stop. Keysted edges must be installed at edge termination points to protect the material from chipping damage and to obtain a clean, straight edge.

Typical Data For Heat-Patch™ (Product and curing conditions at 73°F and 50% R.H.)	
Storage Conditions	Store in dry conditions at 40°F-95°F. Condition product material to 63°F-76°F before using.
Shelf Life	One year in original, unopened packaging
Set Time	Initial Set: 190 - 250 minutes Final Set: 200 – 270 minutes
Color	Concrete gray
Appearance	Aggregated fine powder
Compressive Strength (ASTM C 109)	12,800 - 28 days

### MIXING

Mix with water to a smooth consistency. Add material to water and mix to a smooth, lump-free consistency. Do not mix for more than 2 minutes, and install. A good consistency for most concrete repairs requires 5-1/2 quarts of water per 50 pounds of material. A mortar type mixer with rotating, rubber edged blades is recommended for larger applications and those at a lower flow. For smaller installations, hand mixing or drill mixing with a low speed, high torque drill (not to exceed 650 RPM) is acceptable.

### APPLICATION & PLACEMENT

Use trowel or putty knife to apply. To reset firebricks, butter back and side of brick; set in place and remove excess mortar.

### SET TIME

3-5 hour. Allow mortar to cure 24 hours before subjecting to heat.

### SLIP & FALL HAZARDS

Ensure cured coating surface remains dry in pedestrian, equipment and vehicular areas to avoid slips and falls of people, equipment and vehicles. Use caution when coating is wet or when oil, hydraulic fluids, grease or other chemicals, fluids or agents that may produce a slick surface are present. Increase slip resistance by broadcasting an appropriate size aggregate into the wet coating during application in all areas where enhanced coating traction may be necessary. **Be aware of the full cure time. Do not open the area to normal service, harsh industrial chemical or abusive use before the coating is fully cured.**

### CLEAN UP

Contain spills. Ventilate area. Use absorbent materials to collect. Dispose of according to local, state, federal regulations. Mixed components — uncured material can be removed with an approved xylene or keytone solvent. Cured material must be removed by mechanical means.

### FIRST AID

If ingested **do not** induce vomiting and get prompt medical attention. Skin contact—wash thoroughly with soap & water. If any product gets into the eye, rinse immediately and repeatedly with water for at least 15 minutes. For respiratory problems, remove person to fresh air. Wash clothing before re-use. Dust may cause skin or eye irritation. Wear gloves, eye and nuisance protection. **Consult SDS.**

### DISCLAIMER

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### CAUTION

Follow the Hazardous Materials Identification System labeling guide for proper personal protective equipment to



use when handling this product. Use only as directed.

**LIMITATIONS**

The user is responsible for proper application.

**Keep container tightly closed. Not for internal consumption--consult MSDS for additional information. This product is for professional use only.**

**KEEP OUT OF REACH OF CHILDREN**

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**GARON PRODUCTS INC.**

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