

# JS Special Patch

## 2-Component, Latex-Modified Repair Mortar

LOT#

### PRODUCT DESCRIPTION

JS Special Patch is a two-component, cement based, latex-modified repair mortar, specifically designed to provide fast and durable repairs to vehicle-exposed concrete surfaces.

### GENERAL USES

Typical applications include resurfacing of: concrete pavement, ramps, driveways, garage or warehouse floors, bridge decks, parking structures.

### INSTRUCTIONS FOR USE

#### Surface Preparation

**General Traffic Surface Repairs:** Saw-cut the repair area edges to provide a minimum depth, but avoid cutting reinforcement. Remove all loose, unsound or contaminated concrete from repair area to provide minimum depth. If reinforcement is exposed, clean off corrosion to bright metal by sand blasting or power wire brushing. Bonding substrate should be clean, sound and moderately rough prior to repairing.

**Repairs:** Saw-cut repair area edges to partial, minimum depth, but avoid cutting reinforcement. Remove loose, unsound or contaminated concrete. Provide approximately 1" of clearance all around exposed reinforcement. Clean all corrosion products off exposed reinforcement by sand blasting or power wire brushing.

Bring all existing joints in concrete up through topping with plastic inserts, or mark and saw-cut later. Pre-moisten all concrete bonding surfaces, then remove any excess water by air blast or blotting and allow surface water to evaporate leaving a dry surface (SSD) immediately prior to installing JS Special Patch.

**Mixing:** Pre-mix latex component prior to use. Before starting mixer, place JS Special Patch into mixer in the required proportions (7 pints of copolymer latex to 50 lb of powder). Start the mixer and slowly add the pre-blended dry JS Special Patch mortar into the mixer. Continue mixing for 1-2 minutes as necessary or until mixture is uniform and lump-free. Scrape down mixer sides as necessary. Do not mix for more than 3 minutes.

**Aggregate Extension:** Use pea gravel/rock extension for all applications over 2" in thickness to reduce exotherm. Use a good quality, preferably rounded, 3/8" maximum size pea gravel or rock. Aggregates should be added only after mortar and latex is well mixed, then the mixing should be continued until the aggregate blends in evenly.

**Note:** aggregate extension may diminish workability. Reduce aggregate quantity per batch if workability is not satisfactory for placement conditions.

Working time is approximately 30 minutes @ 70°F (21°C). Both hot and cold weather formulations are available. Set control packets can also be used where desired.

**Application:** Place by filling area slightly overfull, then consolidate by conventional methods (tamper, float or vibrator). After consolidation, strike-off surface with a straight edge. Delay final finishing until the in-place material starts to get rigid. Texture surface or close to tight finish as desired. An alternative method of placement is to overfill slightly, then to shave surface down and texture as necessary using the sharp edge of a trowel after set begins. After material sets, apply copolymer to surface of repair to increase wear resistance and durability.

**Clean-up:** Tools and mixer can be cleaned with water before mixed material sets. Clean-up should be accomplished quickly as it becomes very difficult after product sets.

### STORAGE AND HANDLING

**Shelf Life:** When stored in a controlled environment in accordance to Jobsite Supply recommendations and left in its original unopened container JS Special Patch will maintain its designed performance characteristics for 12 months from date of manufacture.

**Storage:** Keep from freezing, do not store in temperature above 120°F.

### LIMITATIONS/WARNINGS

Refer to the Material Safety Data Sheet prior to use.

Contains hydraulic cement, calcium sulfate, crystalline silica and other additives. Avoid breathing dust. Jobsite Supply recommends use of appropriate safety equipment (gloves, dust masks and eye protection) when working with this product. Avoid eye contact or prolonged contact with skin. If eye contact occurs, wash immediately and repeatedly with fresh water, then get prompt medical attention. Wash affected skin areas with soap and water. Do not use for under water applications.

### KEEP PRODUCT OUT OF REACH OF CHILDREN

### TECHNICAL SERVICES

Jobsite Supply Technical Service Department provides complete product and technical support.

### PACKAGING

- 50 lb bag and one-gallon jug of co-polymer
- 60 lb pail unit



HIMS  
Hazard Ratings

- 0 - Least
- 1 - Slight
- 2 - Moderate
- 3 - High
- 4 - Extreme