

**ROAD AND HIGHWAY REPAIR  
OVER 2500 PSI IN TWO HOURS  
ECONOMICAL**

**PAVEQUICK HR**

**FAST SETTING; HIGH EARLY STRENGTH  
OVER 7500 PSI IN 7 DAYS  
FULL DEPTH ROAD REPAIRS  
READY FOR SERVICE IN TWO HOURS**

**PRODUCT DESCRIPTION**

**PAVEQUICK HR** is a one component highway and roadway repair material. This product provides a very strong and durable patch. **PAVEQUICK HR** uses a unique blend of materials which provides a high early strength and fast setting durable repair with slight expansion to help reduce water seepage.

**PRODUCT APPLICATIONS**

**PAVEQUICK HR** is a fast setting trowel grade repair material for horizontal applications. **PAVEQUICK HR** is an excellent repair material for expressways, roads, ramps, bridges, streets, parking lots and concrete floor slabs. **PAVEQUICK HR** is suitable for highway and road repair. **PAVEQUICK HR** performance specifications meet or exceed most DOT criteria, especially where return to service is critical.

**PRODUCT FEATURES**

- Meets ASTM C-928 Requirements
- Over 2500 PSI in 2 Hours
- Apply from 2" to Full Depth
- Outstanding Wearing Surface
- Expands Slightly Providing Tight Fit with Surrounding Concrete
- Withstands Freeze-Thaw and Salt Applications
- Works as Low as 32°F

**PRODUCT TEST RESULTS (Typical)**

Working Time: 10 Minutes  
Color: Gray

**COMPRESSIVE STRENGTH**

(ASTM C-109; Air Cured)

<u>2 Hours</u>	<u>1 Day</u>	<u>3 Days</u>	<u>7 Days</u>
2590 PSI	4500 PSI	6725 PSI	7515 PSI

**FLEXURAL STRENGTH**

(ASTM C78-75; Air Cured)

<u>1 Hour</u>	<u>1 Day</u>	<u>3 Days</u>	<u>7 Days</u>
560 PSI	1210 PSI	1390 PSI	2850 PSI

## **SURFACE PREPARATION**

For partial depth repair make a two (2) inch minimum vertical saw cut around perimeter of area to be repaired. Chip out area to repair to saw cut edge. Be careful not to fracture surrounding concrete.

For full depth repairs use **PAVEQUICK HR**. Any pre-existing structural steel will need to be replaced. Any corrosion present must be removed and sealed to prevent further contamination.

All surfaces must be clean and structurally sound, free of dust, grease, oil, paint, sealers, etc.

## **MIXING INSTRUCTIONS**

**PAVEQUICK HR** may be mixed in a drum type mortar mixer. A paddle type mortar mixer is preferred and will provide a better mix. Place water in the mixer first and add **PAVEQUICK HR** powder **slowly** while mixing. Use three (3) quarts of water per 50 lb. bag. Be sure to allow mixer time to properly mix product before placing. **Do not mix** more material than can be mixed and placed in ten (10) minutes. Rinse out mixer between batches.

## **APPLICATION INSTRUCTIONS**

In partial depth road repairs, it is a good practice to use an acrylic surface bonding agent. Be sure to apply **PAVEQUICK HR** while the bonding agent is still tacky (not dry). **Do not use PVA** bonding agents with **PAVEQUICK HR**.

Do not use in application of less than two (2) inches. Aggregate or sand is not needed, use neat. Do not bridge construction or expansion joints with

Place **PAVEQUICK HR** into area to be patched, screed to proper level and finish with trowel or broom for desired finish. Be sure to perform these operations quickly before **PAVEQUICK HR** is set. Release to traffic an hour (1 hour) after **PAVEQUICK HR** has set.

## **CURING**

After finishing, follow proper concrete curing procedures. In adverse weather conditions, follow ACI recommended procedures for hot/cold weather. A curing compound may be used.

## **PRECAUTIONS**

Never use in applications of less than two (2) inches. Always allow **PAVEQUICK HR** to cure one hour after material has set before allowing traffic to resume over repaired area. Never use PVA bonding agents with this product. Do not allow **PAVEQUICK HR** to freeze before it has set.

## **COVERAGE**

One 50 lb. bag of **PAVEQUICK HR** will yield 0.46 cu. ft. and will cover 2.75 sq. ft. at a 2 inch thickness.

## **SHELF LIFE**

One year in original, unopened package when stored in dry conditions. Exposure to humid conditions will reduce shelf life.

## **PACKAGING**

**PAVEQUICK HR** is packaged in 50 lb. bags with moisture resistant lining, 60 bags per pallet.

**CONTAINS PORTLAND CEMENT. Avoid eye contact or prolonged contact with skin. Wash thoroughly after handling. In case of eye contact flush with plenty of water for at least 15 minutes. Consult a physician immediately. Keep out of the reach of children.**

**CONTAINS SILICA SAND AND FREE SILICA. Do not breathe dust. Avoid inhalation by wearing respirator. Continuous exposure and inhalation may cause silicosis and crystalline silica is classified as a known human carcinogen.**

### **LIMITED WARRANTY**

Lyons Manufacturing, Inc. warrants the high quality of its products. However, because of many factors beyond our control in its use, such as job conditions, workmanship, etc., the liability of all parties making and selling this product is expressly limited to the refund of the purchase price or replacement of this material used. Lyons Manufacturing, Inc. will replace any product proven to have a manufacturing defect, FOB Factory, provided Lyons Manufacturing, Inc. is notified of such defect within six (6) months from the date of shipment from the factory. This warranty is in lieu of all other warranties, expressed or implied. Lyons Manufacturing, Inc. makes no warranty of suitability of its products for any particular application and sells its products upon the condition that customer shall conduct their own test to determine the suitability of the product for their purposes. Under no circumstances will Lyons Manufacturing, Inc. be liable for economic, special, incidental, or consequential damages or losses of any kind.

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