



THE FUTURE IN POTHOLE REPAIR IS NOW

MEGAPATCH

Product Technical Data

Bulletin

MEGAPATCH, a Polymer Composite pothole repair system, is a durable, fiber reinforced high friction pothole repair material designed to be placed in potholes on old or new asphalt or concrete pavements. Pavement with high distress due to oxidation, surface wear, and exposure to UV, petro chemicals and pesticides are primary candidates. MEGAPATCH is similar to a soft cement that allows milling when roadways are candidates for overlay. MEGAPATCH eliminates pothole growth by waterproofing the pothole edges. MEGAPATCH is also recommended for utility cuts providing a smooth, durable, skid resistant surface.

WERE TO USE:

- Potholes
- Utility cut

PERFORMANCE TEST DATA:

1. Compressive Strength	ASTM C-109 - see note 1	4,000 PSI
2. Flexural Strength	ASTM C-238 - see note 2	1835 PSI
3. Tensile Strength	ASTM C-190 - see note 1	786 PSI
4. Shear Bond Adhesion	ASTM C-882	>650 PSI
5. Chemical Resistance	ASTM C-2299	Unaffected
6. Accelerated Weathering (4000 hours)	ASTM G-233 - see note 3	Unaffected
7. Fuel Resistance	ASTM D-2939 - see note 3	No effect
8. Resistance to deicing chemicals	ASTM C-672 - see note 3	No effect
9. Abrasion Resistance	ASTM D-3910 - see note 3	No stat loss
10. Freeze / Thaw	See note 3	No effect
11. Coefficient of Friction	ASTM E-274 - see note 4	FN 51.8

Notes: 1) The data shown is representative of laboratory tests (28 days moisture cured samples). Reasonable variations from results shown may be experienced as a result of atmospheric and job site conditions. Mix entire sample kit of MEGAPATCH material when preparing compressive strength specimens.
 2) Composite beam prepared by overlaying 3” (76.2 mm) of product in PVC 2” sleeve
 3) Test performed by United States Army Corp of Engineers, (USACE).
 4) Tests performed by International Cybernetics Pavement Friction Tester.
 5) Test performed by NCAT (National Center for Asphalt Technology - Auburn, AL)

COLORS:

- Available in black and gray

PACKAGING:

56/ 60 LB bag - pallets

PRECAUTIONS:

- Do not store in humid conditions
- Keep 60 LB bags sealed when not in use
- Store indoors in dry location

SHELF LIFE:

- 1 year in dry, indoor area.

THEORETICAL COVERAGE:

- One (1) 56 bag pallet: 80 to 100 average size potholes, (2' x 3' x 2" deep)

APPLICATION:

- The MEGAPATCH system is designed to be mixed and applied by the MEGAPRO trailer mounted mixing machine.

WASTE DISPOSAL:

- These products, when discarded or disposed of in their viscous or cured form are not listed as a hazardous waste in Federal Regulations. Dispose of in any waste dumpster or rap pile.

DIRECTION FOR USE:

1. Inspect pothole for suitability. Extensive sub-base or substrate problems may require repairs outside the scope of the MEGAPATCH product.
2. Mix MEGAPATCH material in 3 bag increments to avoid rapid set on material pan.
3. Using standard flat head shovel, place material in pothole or utility cut approximately 2" above pavement elevation and over edges of pothole. Smooth with back of shovel

- **DRYING**

- On a standard day, (75° F and 50% humidity), the drying time to traffic is approximately 10 to 15 minutes. The hotter the temperature and the lower the humidity, the faster the set time. Protect from pedestrian traffic until product obtains compressive strength of 100 PSI. Protect from vehicles until material obtains sufficient compressive strength.

END OF DATA SHEET

MEGAPATCH^{pp} COMPARED TO BITUMIN BASED PRODUCTS



MEGAPATCH^{pp}

- NO RE-PATCH
- U.V. PROOF
- WATERPROOF
- CONTAINS NO BITUMIN / OIL
- ENVIRONMENTALLY SAFE
- WILL LAST UP TO 10 YRS
- NO PROBLEM WITH FREEZE / THAW
- FIVE (5) YEAR WARRANTY

ASPHALT / COLD PATCH

- MULTIPLE RE-PATCHES
- DESTROYED BY U.V.
- DESTROYED BY WATER
- MADE FROM BITUMIN / OIL
- CONTAINS TOXIC V.O.C. 'S
- STARTS TO DETERIORATE IMMEDIATELY
- RUINED BY FREEZE / THAW
- NO WARRANTY