



POOL PATCH



**Founded, Based and
MADE IN THE U.S.A.**

Rapid Setting, High Strength
Pool Repair Mortar

DESCRIPTION:

POOL PATCH is a fast setting, high strength patching and repair mortar that may be used above or below water levels. POOL PATCH can be used in pools, concrete holding tanks, concrete pipe or virtually anywhere concrete repairs are needed..

PRODUCT FEATURES:

- Can be used above or below water levels
- Stops the loss of water
- Rapid setting
- Easy to mix
- Can be colored to match existing substrates
- Excellent bonding properties
- Waterproof
- Chloride and metal free mortar
- Freeze-Thaw stable
- Can be shaved and molded to desired contour
- Once set, POOL PATCH is resistant to hydrostatic pressure

SUBSTRATE PREPARATION:

UNDERWATER: Wire brush area of repair to remove loose or flaking. When possible, undercut the repair area to insure the best results.

ABOVE WATER LEVEL: Undercut the substrate and open the crack or hole to a minimum depth and width of 1" . Wire brush and then flush away all loose material. Remove all oil, grease, dirt and other contaminants to expose clean sound concrete. All traces of oil, dirt or grease must be removed by scrubbing with an industrial detergent. After scrubbing, flush thoroughly with clean water. The substrate surface must be SSD (Saturated Surface Dry) prior to application.

NOTE: Do not apply to frozen substrates or where ambient temperatures are below 40 degrees.

MIXING:

Mix POOL PATCH with clean potable water. Add just enough to make a putty consistency. Water ratio is 3 parts powder to 1 part water. POOL PATCH is to be mixed in small quantities due to rapid set time.

APPLICATION:

UNDERWATER: Mixing in a small pail, take POOL PATCH in gloved hand and hold until material starts to firm up. Then, immediately press into hole or crack. Hold for 1 minute, longer if needed, until POOL PATCH has set up. Repeat procedure until crack has been filled. POOL PATCH may be shaved flush with the side of the pool once initial set has occurred.

ABOVE WATER LEVEL: Mix sufficient material to complete repair, but not more than can be placed in 10 minutes. Place by trowel into properly prepared surface and shape to contours of repair area. Areas covered with POOL PATCH can be covered with a cementitious coating one hour after the application.

NOTE: Cooler temperatures will increase the pot life and set time of Pool Patch. Warmer Temperatures will decrease them.

03 61 00
Cement Grouting

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03 50 00
Concrete Repair

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PACKAGING:

3 lb. pail / 12 per case
10 lb. pail / 4 per case
50 lb. pail / 36 per pallet

COLOR:

White

SHELF LIFE:

12 months

REQUIRED TOOLS:

Safety Gloves
Mixing Bucket
Trowel

MIXING RATIO:

3 Parts Powder to 1 Part Water

WEIGHT / CUBIC FOOT:

130 lbs per ft.³ Installed

APPROXIMATE COVERAGE:

50 lb. Unit Yields: 0.50 ft.³

2 1/2 pounds will fill a crack 3/4" wide by 3/4" deep and 75" in length

APPLICATION TEMPERATURE

RANGE:

40° - 95° F

SET TIME:

30 Minutes

COMPRESSIVE STRENGTH

(ASTM C 109):

1 day	1,400 psi	9 .6 MPa
7 days	3,500 psi	24.1 MPa
28 days	6,400 psi	44.1 MPa

BOND STRENGTH

(ASTM C 882):

28 days	800 psi	5.5 MPa
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POOL PATCH

APPLICATION NOTES:

1. It is the responsibility of the contractor to review the complete technical datasheets of CMP products referenced above as more detailed information may be required. The information provided above acts only as a general guideline and may vary based on jobsite conditions.
2. Apply POOL PATCH immediately after mixing.
3. Do not mix more than can be placed within 10 minutes.
4. Not for use in moving cracks.
5. Not for use as a surface applied material or coating.
6. Maintain minimum application widths and depths.
7. Wet substrate prior to placement keeping the material wet for a minimum of 15 minutes.

Eligible LEED credits : 5

Recycled Content (MR 4.1 & 4.2)
2 Points

Regional Materials (MR 5.1 & 5.2)
2 Points

Low Emitting Materials (EQ 4.1)
1 Point

STORAGE:

Store in cool dry place. Tightly seal package and do not expose to sun.

FLAMMABILITY: (ASTM E-84)

Flame Spread: -0-

Fuel Contribution: -0-

Smoke Development: -0-

VOLATILE ORGANIC COMPOUNDS

0 g/l

CLEAN UP:

Clean tools with water immediately after use or by mechanical means once dry.

HEALTH AND SAFETY:

Always refer to the Safety Data Sheet (SDS) prior to using this product for full Health, Safety and Handling guidelines. SDS sheets are available by calling 267.522.8000 or you can visit www.cmpsp.com

For Professional Use Only

KEEP OUT OF REACH OF CHILDREN

