

Perma-Patch®
Grade Product Data

Description: A high tech cold patch repair material, which consists of a unique blend of special chemical additives, pressure sensitive plastics, asphalt and special aggregates. The grade uses an average 3/8" (9.53mm) aggregate.

Characteristics: It can be applied in any weather conditions in temperatures from -15-over100°F (-28to 38°C+) without mixing, tack coating or any other type of sealer being applied.

Use: The coarse grade is used for quick and permanent repairs of potholes, cracks, cable trenches, utility cuts, around manhole covers, any broken areas, sections touching expansion joints on:

-highways	-roads	-streets
-bridges	-subway tunnels	-parking areas
-driveways	-gas stations	-airports
-military bases	-depressions	

Bonding: Perma-Patch will bond to Stone, Concrete, Asphalt, wood and Metal. It will **not** adhere to rubber tires.

Typical Applications: The repaired area requires no initial preparation such as removing standing water, drying the hole or removing small aggregate. Any large broken aggregate should be removed. Tack coat or any other adhesive is not required. Perma-Patch is poured, ready to use, directly from the bag. There is no mixing or preparation involved. The product is sufficiently workable for placing with shovels, rakes or other hand tools. Overfill the repaired area by approximately 1" (2.54cm) in order to assure that all edges are filled and to allow for compaction. Feather edging with Perma-Patch is not a problem. Compaction of Perma-Patch can be accomplished with a hand tamping or vibratory plate compactor or under the action of vehicular traffic. If under filling has occurred, simply add more material and compact to continuous traffic.

- Curing:** Perma-Patch is unique in that while the surface becomes hard, through dynamic pressure, like standard bituminous plastic thermal asphalt, Perma-Patch retains it's semi-soft characteristics underneath. This allows Perma-Patch to expand and contract with the changes in pressure and temperatures. The more traffic over Perma-Patch the faster it will harden up. Perma-Patch also has excellent bonding strength which allow it to take on contours of the pothole to prevent further degradation of the surrounding pavement through elimination of water penetration.
- Packing:** Perma-Patch comes in a specially constructed 60 lb (27.2 kg) 3 ply, plus specially lined kraft bag. The shelf life of Perma-Patch is a minimum of 2 (two) years. Which is more than twice as long as any other product on the market.
- Storage:** Storage for the bags should be in dry conditions to prevent deterioration of the paper plies. However, Perma-Patch bags are now water resistant, but still should covered.
- Coverage:** Approximately 60 lbs (27.2 kgs) per Perma-Patch bag fills 0.48 cu. ft or 0.0127 m³ of area. (The reverse sides of all bags have an estimated usage chart.)
- Color:** Black
- Tool Cleaning:** Tools should not be cleaned with any type of solvents. Solvents that come into contact with Perma-Patch will cause the binder to be stripped from the aggregate. Wash all tools prior to using them for applying and spreading Perma-Patch.