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Perma-Patch®

Product Data Sheet

Revised February 19, 2019

Description:	Perma-Patch® is an all season, all weather, permanent cold asphalt patching material consisting of a unique blend of special polymers, pressure sensitive plastics, and ¼" grade angular aggregate. It is used throughout the United States and internationally with extraordinary success for pothole and utility cut repairs.
Use:	Perma-Patch® is used for quick and permanent repairs of potholes, depressions, utility cuts, cable/fiber optic trenches, around manhole covers, utility boxes, and bridge expansion joints.
Performance:	Perma-Patch was independently rated the No. 1 permanent cold-applied patch repair material by the Federal government in their Strategic Highway Research Program (SHRP) study with the lowest failure rate. All other products tested had failure rates 30%-70% higher. Please see SHRP report in our brochure or on our website www.permapatch.com
Bonding:	Perma-Patch® Bonds to asphalt, concrete, steel/metal, and wood. It will <u>not</u> bond to rubber tires and accepts immediate traffic.
Application:	Perma-Patch® is poured, ready to use, directly from the bag—no mixing, no tack coat. The repair area requires no special preparation—remove any large/loose aggregate, pour product in (overfill by ½" - ¾"), spread out evenly with rake or shovel, and compact using a hand tamper, vibrating plate compactor, or the pressure of passing traffic. After compaction, the repair area is ready for immediate traffic.
Characteristics:	Perma-Patch® can be applied in any weather condition in temperatures ranging from -5° to 105° F without any mixing, tack coating, or costly waiting time.
Hardening:	Perma-Patch is unique in that it becomes hard on the surface from dynamic pressure, while remaining semi-pliable underneath. This permits the product to expand and contract with the changes in pressure and temperatures. Because of our special formula, Perma-Patch remains semi-pliable underneath—acting like a mini-expansion joint, while creating a water tight seal on the surface. The higher the volume of traffic over Perma-Patch, the faster it sets up. Perma-Patch also has excellent bonding strength allowing it to form to the contours of the pothole to prevent further degradation of the surrounding pavement through elimination of water penetration.
Packaging:	Perma-Patch comes in a specially constructed 60 lb. (27.2 kg) 4 ply poly lined water resistant wet strength Kraft bag. The shelf life of Perma-Patch is a minimum of 2 (two) years—twice that of other products on the market. Perma-Patch is also available in 30 lb. and 50 lb. pails.

Storage:	Bags should be kept in a dry/covered area. Though the product can be used in water-filled holes, storage of bags should be in dry conditions to prevent deterioration of the paper plies. Should the bag become wet, allow it to fully dry before handling.		
Coverage:	Approximately 60 lbs. (27.2 kgs) per Perma-Patch bag fills 0.48 cubic feet (0.0127 m ³) of area—6 square foot area, 1" deep. The reverse side of our bag has an estimated usage chart, or see www.permapatch.com for material usage calculator.		
Color:	Black		
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