

## Product Data

# POWER PATCH

## Fast-Setting Concrete Patching Material

### Application Benefits

- Rapid Setting
- Non-Shrink
- Shapeable
- Shaveable
- Resistant to Freeze Thaw
- Use in Thin to Thick Layers
- Tenacious Bond
- No Added Chlorides
- Light Color

POWER PATCH is a specially formulated, fast setting, cement-based concrete and masonry patching material that requires only the addition of potable water for mixing. POWER PATCH may be used for interior or exterior applications, as well as above or below grade on vertical, horizontal and overhead surfaces without forms. After the initial set, POWER PATCH may be shaved to the contours of the surrounding area. POWER PATCH is used to repair concrete pipes, manholes, sidewalks, driveways, ceilings, walls, curbs and panels and expressways.

- ✓ Initial Setting Time - 12 to 18 minutes
- ✓ Ready For Light Traffic in Two Hours - Standard Traffic in Six Hours
- ✓ Repairs Vertical, Horizontal and Overhead Surfaces Without Formwork
- ✓ Used For Applications Under Constant Moisture Contact



...setting performance  
standards worldwide...

## APPLICATIONS

POWER PATCH is a specially formulated, fast-setting, cement-based concrete and masonry patching. When added with water, POWER PATCH repairs concrete pipes, manholes, sidewalks, driveways, ceilings, walls, curbs and panels and expressways.

POWER PATCH is easy to use. Simply add water to POWER PATCH and it sets up to a durable, smooth finish. POWER PATCH assists with costly repairs as well.

## DIRECTIONS

All areas to be patched should be clean and free of oil, grease, dirt, deteriorated concrete and all contaminants. Undercut the edges of the area to be patched to accommodate the repair. POWER PATCH used to repair vehicular traffic bearing areas should be placed a minimum of 1.5" in depth. Clean and prime any exposed steel and reinforcing. Abrade or acid etch slick surfaces to ensure proper bond. When the temperatures are above 40°F, pre-wet the prepared area with potable water before applying POWER PATCH. Any excess water should be blown or swept away to prevent dilution of the material.

POWER PATCH will require 3.25 to 3.5 quarts of potable water per 45 lb. container to achieve the proper mix consistency. Add the measured amount of clean water and mix to a stiff plastic-like consistency for no more than four minutes. Mix small quantities of POWER PATCH in a clean container with a hand trowel or in a wheelbarrow with a mud hoe. Use a rotary mixer with rubber tip blades for mixing larger quantities, up to 90 lbs. In deep areas over 2" POWER PATCH may be extended with up to 25 lbs. of clean, washed 3/8" pea gravel per 45 lb. container. Do not mix more material than can be placed in five minutes. Do not re-temper with additional water.

Place POWER PATCH on application surface immediately after mixing. Force POWER PATCH firmly into the area to be patched by hand or with a trowel and mold to the desired shape. Compact thoroughly to ensure bond. After initial set, finish POWER PATCH with a steel trowel until smooth and level with the surrounding surface. Do not overwork the material. Cure POWER PATCH with damp cure method if any surface treatment will be used. Curing is mandatory, especially in hot weather, direct sunlight and for thin patches.

## TECHNICAL DATA

Composition: Cement & selected aggregates

Setting Time ASTM C-403	
Initial set:	12 minutes
Final set:	18 minutes
Yield per 45 lbs.	.44 cubic feet

	Compressive Strength ASTM C-109	Split Tensile ASTM C-403	Shear Bond ASTM C-882
1 day	5730 psi		
3 days	5950 psi		
7 days	6150 psi	424 psi	4210 psi
28 days	7270 psi	674 psi	6530 psi

Freeze - Thaw Durability Factor ASTM C-666 @ 300 Cycles	97.92
--	-------

**ATCO**  
**INTERNATIONAL**

...setting performance  
standards worldwide...

C-4/PC-5440/0899