



POWERHOLD 750

PORTLAND CEMENT PATCH & SKIMCOAT

◆ Contains MICROBAN®
Antimicrobial Product Protection

POWERHOLD 750 PATCH & SKIMCOAT is a true multi-purpose cementitious patching compound and skim coat. **POWERHOLD 750** is a polymer modified product that is capable of being used as a true skim coat or patch by simply adjusting the liquid to powder mix ratio. Designed as an "All Purpose" material for the installer who requires product consolidation without giving up quality and performance. **POWERHOLD 750** also is designed to give maximum pot life through its unique thixotropy; it regains workability by simply remixing. **Do not add additional water.**

USES AND QUALIFICATIONS:

1. Provides a patching compound for **interior uses** with extended pot life.
2. **POWERHOLD 750** can be used on concrete, exterior grade plywood and residual adhesive coated sub-floors prior to the installation of any resilient floor covering or tiles - ceramic, marble, stone, slate, etc. It can be used on, below, or above grade concrete surfaces horizontally or vertically.
Compressive strength ASTM/C109.
 - 4 hours 1200 Psi
 - 28 days 4000 Psi
3. For repairing interior sub-floors from a perfect featheredge to 1/2". Application of two layers recommended for greater thickness up to 1".
4. For preparation of any concrete surface - rough, unlevelled, unfinished or burnished prior to installation of vinyl sheet goods, vinyl composition tile (VCT), carpet and wood flooring materials.
5. Compatible with all ceramic tile, epoxy and polyurethane adhesives including dry-set mortars used to complete the installation.
6. For use as an embossing leveler of substrates with polyurethane or vinyl wear layer when mixed 100% with **POWERHOLD 800L LATEX ADDITIVE.**

DIRECTIONS:

Preparation:

1. All surfaces of any kind must be clean, solid, and free of dust, oil, grease, curing compounds, dirt or any loose substance that might break the bond.
2. All concrete sub-floors must be of adequate strength and completely cured.
3. Acid etching is not acceptable.
4. No primer is required.
5. Painted surfaces must be securely bonded and rough-sanded to ensure good adhesive bond.
6. For increasing the bond strength to any non-porous substrate the use of Powerhold 800L Latex instead of water is recommended.
7. All non-porous substrates must be clean, free of any dressings and sealers.
8. All wooden sub-floors must be free of dust or any foreign particles and structurally sound, and no movement. If necessary sand the surface to bare wood and vacuum thoroughly.
9. All adhesive residues from old covering on concrete should be scraped off to ensure minimum thickness - not more than a thin coat of paint. After scraping remove all loose matter.
10. Application over strip wood is unacceptable.

Mixing:

1. **For patch application:** 4 quarts water to 25 lb bag.
For skim coat application: 4 ½ quarts water to 25 lb bag.
The water should be clean with a temperature maximum of 70°F.

2. Place the water in a container first, and then add the powder, while slowly mixing by hand or mechanically to a smooth, lump-free consistency.
3. Minimum mixing time is 45 seconds, maximum 60 seconds. Over-mixing or high speed mixing should be avoided.
4. Workability varies with temperature. If some thickening occurs the pot life can be extended and workability regained by re-mixing.
5. Never add water to recondition.
6. When used over cutback residue or as an embossing leveler the powder should be added to **Powerhold 800L Latex** instead of water, at the same product/liquid ratio.

Application

1. **POWERHOLD 750** is easily applied using a steel flat-edge trowel.
2. Use enough pressure to fill all voids and defects.
3. Due to its unique butter-like consistency **Powerhold 750 Patch** can be feathered into any sub-floor surface to the desired degree of smoothness.
4. **POWERHOLD 750** can be installed from a virtual featheredge to 1/2" thickness.
5. The patched area can be covered with the respective floor covering once the patch has completely dried.
6. After it starts hardening in the container **POWERHOLD 750** can regain workability if remixed.
7. Wash hands and tools with water immediately after application.

LIMITATIONS:

1. This product is intended for interior use only.
2. Use underlayment recommended by the floor covering manufacturer.
3. Do not use to level large areas.
4. Do not use on floors where excessive moisture, alkali or hydrostatic pressure is present. Prior to the installation of adhesive applied flooring products, we highly recommend conducting a calcium chloride moisture test on concrete slab on or below grade. If test results show the moisture exceeds 3.0 lbs. per 1000 sq ft as tested using the Calcium Chloride test ASTM F1869, consult the floor-covering manufacturer for their specific recommendation.
5. Do not use over expansion joints.
6. Do not use as a concrete resurfacing material that will be left exposed.

TECHNICAL DATA

Pot Life:	@ 73°F/22.5°C >15 minutes
Drying Time:	@ 73°F/22.5°C 20-70 minutes, depending on thickness and job site conditions
Initial Set:	@ 73°F /22.5°C 30-45 minutes
Final Set:	@ 73°F /22.5°C <45-60 minutes
Color	Gray

Installation of floor 45-90 minutes after covering placement, depending on thickness, nature of sub-floor and temperature.

SHELF LIFE:

6 months when stored in original un-opened packaging in a dry area at 60-80⁰ F.

COVERAGE:

Skim-coat	300-450 sq ft / 25 lb bag
1/8" thick	25-35 sq ft / 25 lb bag

**FOR MORE INFORMATION READ MATERIAL SAFETY DATA SHEET
KEEP OUT OF REACH OF CHILDREN**

DISCLAIMER:

All data given is based on repeated results in controlled lab conditions. Field results may differ slightly depending on site conditions, type of substrate, temperature, actual thickness, method of mixing and application.

WARNING!!

Do not sand, dry sweep, dry scrape, drill, saw, bead-blast, or mechanically chip or pulverize existing resilient flooring, backing, lining felt, asphalt "cutback" adhesive, or other adhesive.

These products may contain asbestos fibers and/or crystalline silica.

Avoid creating dust. Inhalation of such dust is a cancer and respiratory tract hazard.

Smoking by individuals exposed to asbestos fibers greatly increases the risk of serious bodily harm.

Unless positively certain that the product is a non-asbestos containing material, you must presume it contains asbestos. Regulations may require that the material be tested to determine asbestos content.

RFCI's Recommended Work Practices for Removal of Resilient Floor Coverings are defined set of instructions addressed to the task of removing all resilient floor covering structures.

NOTICE

Various Federal, State and Local government agencies have regulations governing the removal of in-place asbestos-containing material. If you contemplate the removal of a resilient floor covering structure that contains (or is presumed to contain) asbestos, you must review and comply with all applicable regulations.

For more information contact RFCI at:

**Resilient Floor Covering Institute
401 East Jefferson ST. Suite 102
Rockville, MD 20850
301-340-8580**

Limited Warranty:

FCDA warrants the performance of this product, provided it is properly stored and applied before the "use before date shown. If not satisfied with, return product and/or proof of purchase. FCDA shall in no event be liable for any other damages in excess of the purchase price. THIS IS THE SOLE AND EXCLUSIVE REMEDY FOR DEFECTS IN, OR FAILURE OF THIS PRODUCT, AND THE SOLE AND EXCLUSIVE LIABILITY OF FCDA THEREFORE, THIS LIMITED WARRANTY IS IN LIEU OF ALL WARRANTIES WRITTEN OR ORAL, STATUTORY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

10-1-03

In the event of a warranty claim, product manufacturer reserves the right to inspect and/or conduct test(s) on any claim prior to authorizing repair or replacement work.

MICROBAN is a registered trademark of Microban Products Company.

MATERIAL SAFETY DATA SHEET

Page 1

Para-Chem®, PO Box 127, Simpsonville, SC 29681
24-Hour Emergency Telephone: (864) 967-7691

SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME: POWERHOLD 750
CHEMICAL FAMILY: Portland Cement Patch & Skimcoat

SECTION 2. HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>ACGIH</u>	<u>TLV</u>
	<u>OSHA PEL</u>			
Crystalline Silica	14808-60-7	Trace	15 mg/M ³	15 mg/M ³

SECTION 3. HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Eyes, skin, and inhalation
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Respiratory problems.
POTENTIAL HEALTH EFFECTS:
EYE CONTACT: Dust may cause irritation.
SKIN CONTACT: Product may dry or burn skin during hydration.
INGESTION: Do Not Ingest. Material hardens when wet.
INHALATION: Prolonged or repeated overexposure may cause lung damage.
CHRONIC: Crystalline silica has been known to cause cancer in laboratory animals

SECTION 4. FIRST AID MEASURES

EYE CONTACT: Flush with water for 15 minutes. Contact a physician if irritation occurs.
SKIN CONTACT: Wash with soap and water. Contact a physician if irritation occurs.
INGESTION: Product may harden on contact with water and result in obstruction. Consult Physician
INHALATION: If exposed to excessive levels of dust, remove to fresh air. Consult Physician

SECTION 5. FIRE-FIGHTING MEASURES

FLASH POINT (°)F: None.
LOWER FLAMMABLE LIMIT: None.
UPPER FLAMMABLE LIMIT: None.
FIRE-FIGHTING INSTRUCTIONS: Not applicable.
EXTINGUISHING MEDIA: Not applicable.
DECOMPOSITION PRODUCTS: None. Product will harden if wet.

MATERIAL SAFETY DATA SHEET

Page 2

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Sweep or vacuum spilled material into a waste container for disposal. Avoid creating excessive dust.

SECTION 7. HANDLING AND STORAGE

HANDLING: Use good hygienic practices. Keep out of the reach of children.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: Wear Safety Glasses.

SKIN PROTECTION: Wear gloves if contact with material is likely.

RESPIRATORY PROTECTION: Dust Mask Recommended.

ENGINEERING CONTROLS: Good Room Ventilation.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (°F): Not applicable.

SPECIFIC GRAVITY (WATER = 1): 1.7

VAPOR PRESSURE: Not applicable.

VAPOR DENSITY (air=1): Not applicable.

% VOLATILE BY WEIGHT: 0

APPEARANCE AND ODOR: Light gray powder with little or no odor.

SECTION 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None.

SECTION 11. TOXICOLOGICAL INFORMATION

Not applicable.

SECTION 12. ECOLOGICAL INFORMATION

No information available.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with Federal, State and Local regulations.

