

# PIP Level-Cast Primer

## Self-Leveling Cement Resurfacer and Overlayment Primer



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### DESCRIPTION

PIP LEVEL-CAST PRIMER is a water based polymer and latex primer used to prime floors or slabs prior to receiving PIP Level-Cast cementitious resurfacer and overlays.

### USES

- Horizontal, interior floors and slabs not subject to freeze/thaw conditions
- Primer and bonding agent for PIP Level-Cast and PIP Rapid Mortar.

### ADVANTAGES

- Excellent bond to substrate adhesion and bond to topping adhesion
- Seals concrete reducing out-gassing, pinholes or air bubbles in PIP Level-Cast resurfacers.
- Water based, V.O.C. compliant, virtuously odorless.
- Economical to use, dilute 1:1 with water

### TECHNICAL DATA

Minimum ambient and substrate temperature 50°F (10°C)  
Drying time @ 72°F (22°C) with 50% R.H. 3-4 hours  
Maximum time to place topping 48 hours  
Density 9.25 lb./gal (1.1 Kg/L)  
V.O.C. Content 0 gm/L

### PACKAGING AND ESTIMATING GUIDE

PIP LEVEL-CAST PRIMER is packaged in 1 gallon and 5 gallon containers. Coverage is dependent upon surface texture and porosity. In general, each diluted gallon jug will seal 400 -600 SF.

### RECOMMENDED EQUIPMENT

Exploded tipped stiff bristle push broom.  
Source of clean, potable water and 1 gallon measuring container.

### DIRECTIONS

**SUBSTRATE PREPARATION:** Remove unsound concrete, including loose, frozen, broken or carbonated surfaces, curing or sealing compounds or coatings using Blastrac, or scarification equipment. Fill large cracks, holes and voids with a fast setting cementitious patching materials such as PIP Rapid Mortar 24 hours prior to priming. Contraction and control joints must be maintained through the Level-Cast. Mark their location for later saw cutting of the PIP Level-Cast. Substrates other than concrete, especially wood or plywood floors must be fastened securely and have little or no movement.

**PRIMING:** Mix PIP LEVEL-CAST PRIMER 1:1 by volume with clean, potable water and blend well. Apply to clean, dry prepared surface with an exploded tipped stiff bristle push broom at a rate of 400-600 SF per diluted gallon. Apply an even coat removing any puddles. Very porous surfaces may require a second coat of primer once the first coat has dried to fully seal the floor. Allow primer to dry to touch completely. Keep primed surface clean and protected from abrasion. Place Level-Cast within 48 hours of priming. Ceramic and quarry tile, terrazzo, wood and tile or cutback covered surfaces require special attention. Apply PIP Level-Cast Primer at full strength. Do not dilute with water. Application rate on these types of non-absorptive surfaces is 200 Ft.2 (5M2) per gallon. Consult Protective Industrial Polymers Technical Services Department for detailed recommendations.

**READ SDS (SAFETY DATA SHEET) FOR SAFETY AND PRECAUTIONS. USE PRODUCT AS DIRECTED FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.**

### WARRANTY AND CONDITIONS OF USAGE

**WARRANTY AND LIMITATION OF LIABILITY:** Protective Industrial Polymers Inc. ("PIP") warrants that its products shall conform to the manufacturer's written specifications and shall be free from defects for one (1) year from the date of purchase. PIP MAKES NO WARRANTIES, IMPLIED OR OTHERWISE, AS TO THE MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSES OF ITS PRODUCTS AND EXCLUDES AND DISCLAIMS THE SAME, INCLUDING, WITHOUT LIMITATION, FAILURE OF THE PRODUCT DUE TO ACTS OF GOD, FLOODING, EXTREME OR ABNORMAL TEMPERATURES, HUMIDITY AND MOISTURE, STRUCTURAL CONDITIONS, SITE PREPARATION AND CONDITIONS, ACCIDENTS, DAMAGE CAUSED BY INSTALLATION OF MACHINERY, EQUIPMENT OR FIXTURES WITHOUT ADEQUATE FLOOR PROTECTION OR WITHOUT ADEQUATE TIME FOR CURING, FAILURE TO COMPLY WITH CONDITIONS OF USAGE (SPECIFIED BELOW), VANDALISM, NEGLIGENT OR INTENTIONAL ACTS OF THIRD PARTIES OR OTHER CASUALTIES. If any PIP product fails to conform to this warranty, PIP shall either replace the product at no cost to Buyer or refund the cost of the product, in PIP's sole discretion. Replacement of any product or a refund of the cost of any product shall be the sole and exclusive remedy available to buyer, and buyer shall have no claim for incidental, special or consequential damages, including, without limitation, business interruption damages. Any warranty claim must be made within one (1) year from the date of delivery of products. PIP does not authorize anyone on its behalf to make any written or oral statements which in any way alter PIP's warranty or installation and storage information or instructions in its product literature or on its packaging labels. Any installation of PIP products which fails to conform to such installation information or instructions or the "Conditions of Usage" (specified below) shall void this warranty. Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer shall be solely responsible for determining the suitability of PIP's products for the Buyer's intended purposes.

**CONDITIONS OF USAGE:** Installation of all products purchased must be by professional installers periodically published by PIP or otherwise approved by PIP in writing. Modification to any of PIP's products voids the warranty. The installer shall maintain a written contemporaneous record of field conditions (including, without limitation, surface and atmospheric conditions, usage rates, and lot numbers of products installed). PIP reserves the right of inspection of any installed product, installation and maintenance records and records of field conditions and may conduct additional testing as is reasonably required to investigate any warranty claims. Warranty shall only apply for products or materials that have been paid for in full. Moisture Vapor Transmission (MVT) and ASR (Alkali Silica Reaction) Disclaimer and Exclusion: Although rare, some floors at or below grade level are sometimes subjected to saturation by moisture from beneath the concrete floor slab. This moisture can travel through the concrete and collect between floor toppings creating the potential for delaminating from hydrostatic pressure and or ASR. Conditions contributing to this include heavy rainfall, broken pipes, excess hydration within fresh concrete, and other factors or defective and old concrete. These factors are difficult, if not impossible to predict. PIP recommends testing for MVT and/or the presence of ASR in the concrete substrate prior to applying any polymer floor topping. The recommended test method for MVT is ASTM F 2170-11. ASR can be predicted by a higher than normal pH within the concrete. If high pH should be detected, it is recommended a lab test for ASR. If and when delamination of the floor occurs because of a moisture condition that exists beneath or in the concrete slab beyond the capacity of the individual product installed or failure of the concrete due to ASR, this Limited Warranty does not extend to such delaminating or topping failure. This writing constitutes the sole and only agreement of warranty relating to PIP products.