

## 1. PRODUCT NAME

Pro-Block (PS69)

## 2. MANUFACTURER

PROFLEX® Products, Inc.  
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Haines City, FL 33844  
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## 3. PRODUCT DESCRIPTION

PROFLEX® PRO BLOCK is a chemical hardener, densifier, and soluble chloride reducer that blocks and reduces vapor emissions through concrete. PRO BLOCK purges soluble chlorides and prevents re-entry. PRO BLOCK contains non-acid penetrating agents that resists many acids, oils, greases and salts. May be used as a curing and sealant agent that can reduce 'green concrete' window from 28 days to an average of 5 days.

### **Additional Information**

PRO BLOCK is water based and environmentally friendly. PRO BLOCK is a ZERO V.O.C. formulation. PRO BLOCK is suitable for interior and exterior, above and below grade applications.

Different concrete composites (flash additives) may require different system approaches. Call for recommendations.

**PRO BLOCK IS NOT MEANT FOR APPLICATION OVER TILE, EVEN POROUS TILE, AND SHOULD NOT BE USED IN ANY TOPICAL APPLICATIONS OVER TILE!**

### **Advantages**

- Blocks and reduces vapor emissions through concrete and leaves concrete breathable
- Purges soluble chlorides and prevents re-entry. Cures and chemically hardens in one application
- Does not alter bondability of concrete
- Non-combustible. No flammable solvents
- Contains a non-acid penetrating agent - resists many acids, oils, greases and salts
- May be used as a curing and sealing agent that reduces 'green concrete' window from 28 days down to an average of 5 days
- PRO BLOCK will block MVT (moisture vapor transfer) up to 20 lbs. And Hydrostatic pressure up to 15 psi.

### **Uses**

PRO BLOCK reduces vapor emissions for application of surface coatings such as polyurea coatings, epoxy coatings, urethane coatings, as well as carpet, floor tile, sheet vinyl and hardwood flooring materials. In conditions where salt air and humidity attack the concrete, causing oxidation of the reinforcing steel, PRO BLOCK has proved to halt such corrosion activity. When PRO BLOCK is applied to concrete exposed to such conditions, exfoliation or expulsion of the chlorides takes place. PRO BLOCK reacts with free alkali in the concrete forming a silica hydrogel that fills the capillaries within the matrix. This hydrogel waterproofs and seals the surface after all materials harmful to the concrete are removed. This process could take up to thirty days or longer, depending on the chloride and acidic residual concentration within the capillaries.

**NOTE:** This sealer may be applied as a cure and seal, as soon as the concrete bleed water flashes off. When properly installed, application of this sealer reduces wait time to apply flooring or coatings to an average of 5 days. ALWAYS check the surface for moisture content before applying coatings, or flooring.

### **Coverage**

Rough Slab Finish: 75 - 200 sq. ft. /gal.  
Dense and Smooth Finish: 150 - 200 sq. ft. /gal.

**WARNING: PRO BLOCK should never be used on tile. CAN ETCH GLASS. Remove immediately. Do not dilute or alter. Protect from freezing.** Protect vehicles, glass surfaces, plant life, aluminum, ceramics, glazed tile and wood from overspray. Remove overspray with soap and/or water immediately. Unprotected areas should be prewet with water and rinsed continuously. Eye protection, gloves and appropriate clothing should be worn to minimize skin contact. **If you're installing wood, luxury vinyl plank, luxury vinyl tile and sheet goods or like products, you MUST WAIT 72 HOURS before application of finished flooring.**

#### 4. TECHNICAL DATA

**COMPLIANCE:** Federal EPA V.O.C.

#### 5. INSTALLATION

1. Read entire label and datasheet before using.
2. Ensure surface is free of dirt, debris, oils, grease, old adhesives or coatings, and standing water.
3. Shake well before using and do not dilute or alter.
4. Apply PRO BLOCK with a low pressure pump type sprayer, with a fan tip.
5. On horizontal surfaces apply in a left to right pattern overlapping spray pattern 50%. After first application soaks in immediately apply a second application in an up and down pattern overlapping 50%. Avoid over application or ponding. Excess un-reacted product will leave white crystals on the surface so brush or broom excess to dry areas.
6. On vertical surfaces apply from top to bottom to the point of refusal. Apply sealer in two even coats. After the first coat has soaked in immediately apply a second coat.
7. On horizontal or vertical surfaces, areas that absorb sealer more quickly will require additional coats.
8. On all surfaces after second coat has soaked in, remove any excess material from the surface, and spray the entire treated area with a very light mist of clean water.
9. Keep dry and allow the surface to cure minimum 12 hours, for applications with high moisture transfer allow surface to cure 72 hours.

#### **Application**

Shake well. The surface being treated should be predampened with water, using a very light mist prior to application of the sealer. Application temperature range 40°-100°F. Surface must be free from oils, grease, curing agents, coatings, sealers or any other products that would inhibit the penetration of the sealer.

**Horizontal Surfaces:** Avoid overapplication and puddling on horizontal surfaces. Excess unreacted PRO BLOCK will leave white crystals on concrete. Brush or broom to more porous area.

**Vertical Surfaces:** Apply from top to bottom to point of refusal. Apply sealer in two even coats using a low pressure sprayer. After the first coat has soaked in, immediately apply the second coat. Apply only as much material as the surface will readily absorb. Areas that absorb sealer at a faster rate will require additional coats. After the final coat of sealer is dry, spray a light mist of water over the treated area. After the first watermist is dry to touch, apply a second watermist coat.

**CLEAN UP:** Rinse equipment with cold water. Do not leave behind any empty containers. Dispose of containers appropriately.

#### 6. AVAILABILITY

PROFLEX® Products are available nationwide.

To locate PROFLEX® products in your area, please contact:

Phone: 877-577-6353

Website: [www.proflex.us](http://www.proflex.us)

#### 7. WARRANTY

Neither manufacturer nor seller have any knowledge or control concerning the purchaser's use of the product. No expressed warranty is made by manufacturer or seller with respect to the results of any use of the product or container that the product comes in. No implied warranties including, but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose are made with respect to the product. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk and liability resulting from use of the product. Neither manufacturer nor seller assume any liability for personal injury, loss or damage resulting from the use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones which may exist. In event that the product shall prove defective, buyer's exclusive remedy shall be that the seller or manufacturer shall, upon written request of buyer, replace any quantity of the product which is proven to be defective or shall, at its option, refund the purchase price of the product upon return of the product. Manufacturer shall not be responsible for use of this product in a manner to infringe on any patent held by others.

#### 8. MAINTENANCE

None required, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

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# PRO BLOCK

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## 9. TECHNICAL SERVICES

Technical assistance

Information is available by calling the Technical Support

Toll Free: 877-577-6353

Fax: 863-937-9624

Technical and safety literature: To acquire technical and safety literature, please visit our website [www.proflex.us](http://www.proflex.us)

## 10. FILING SYSTEM

Division 9