



# PRO HS-SEALER™ PLUS

## SATIN FINISH

### 2. MANUFACTURER

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### 3. PRODUCT DESCRIPTION

PRO HS-SEALER PLUS (SATIN FINISH) is a high-performance water-based urethane sealer formulated to protect, enhance colors and leave a satin finish on textured-surface natural stone.

#### Features

- ◆ Satin look – enhances stone colors
- ◆ Urethane formulation provides better performance than water-based acrylic sealers
- ◆ Formulated to protect textured or brush-finished granite and slate
- ◆ Use on tumbled or honed-finished marble
- ◆ Use to seal sanded and unsanded cementitious grout joints
- ◆ Use for floors, wall, backsplashes and residential showers
- ◆ Enhances stone colors
- ◆ Gloss rating 30-35
- ◆ Excellent protection against household dirt and stains
- ◆ Excellent water repellency
- ◆ Excellent oil and grease resistance
- ◆ Good leveling
- ◆ Dries quickly
- ◆ Faint odor
- ◆ For interior institutional, commercial and residential applications
- ◆ No carcinogenic agents
- ◆ NPEO free - NMP free
- ◆ Biodegradable – in conformity with OCDE 301 E rule
- ◆ Meets ÉcoLogo specifications Floor Finishes & Sealers CCD:147A
- ◆ Meets Chemical Resistance test CAN/CGSB-25.20-95 for floor surface sealers (Type 1)
- ◆ Meets Static Coefficient of Friction test ASTM D2047 for polished-coated floor surfaces

#### Packaging

946 mL (1 US qt) bottle; 4 L (1.05 US gal) bottle

#### Limitations

- ◆ Do not use at temperatures below 10°C (50°F) or above 35°C (95°F).
- ◆ Do not use for exterior applications
- ◆ Full strength protection is achieved only after the 28 day curing time.
- ◆ Do not apply where epoxy grout is used.
- ◆ Do not use in extremely humid areas (public showers, saunas, pools and showers equipped with vapor jets).



### 4. TECHNICAL DATA

#### Applicable Standards

For Additional Information, please refer to the most recent TCNA handbook for ceramic tile installation or the TTMAC Specification Guide 09 30 00 Tile Installation Manual, or visit our website at [www.proma.ca](http://www.proma.ca).

WORKING PROPERTIES (@23° C [73° F] and 50% RH)	
Drying time before applying 2nd coat	4-6 hours
Normal circulation after sealer is dry	24 hours
Time before grouting	3-5 days
Sealer gains full strength	28 days
Performance	
Expected sealer duration (normal conditions)	3-5 years

PHYSICAL PROPERTIES (@23° C [73° F] and 50% RH)	
VOC content	< 250 g/100 ml
Color	White translucent
Color enhancement	Yes
Gloss	Rating: > 70
Odor	Faint
Approximate coverage *	
946 ml (1 US qt)	10 m <sup>2</sup> (108 ft <sup>2</sup> )
4 L (1.05 US gal)	40 m <sup>2</sup> (430 ft <sup>2</sup> )
Shelf life	
24 months if kept in its original unopened packaging and stored in a dry location. Protect from freezing.	
*Varies depending on porosity and texture of surface, temperature, humidity and method of application.	

### 5. INSTALLATION

#### Surface Preparation

Surfaces must be clean and free of dust, oil, grease, paint, tar, wax, curing agent, primer, sealer, form release agent or any deleterious substance and debris which may prevent or reduce adhesion.



## Mixing

No mixing required. PRO HS-SEALER PLUS (SATIN FINISH) comes in a ready-to-use container.

## Accessories

- ♦ Sponge paint brush
- ♦ Short nap paint roller
- ♦ White paper towel for small areas on honed finished marbles

## Application

**Note:** Test on a small area to determine ease of application and desired results. Wear gloves and safety glasses when using this product, and protect neighboring areas against unexpected contact with product to avoid possible damage.

## New Installations

Apply 1 or 2 coats of sealer on the tiles before installation and/or grouting. Allow 3 to 5 days drying time before grouting. Apply an additional coat of sealer only after the grout's curing time as per manufacturer's recommendation, minimum 7 days.

## Surface Recoating

Only recoat surfaces previously sealed with PRO HS-SEALER or PRO HS-SEALER PLUS GLOSS or SATIN FINISHES for natural stone or any other urethane or water-based acrylic sealer. Surface to be recoated must be cleaned using PRO DECAP prior to application.

## Existing Installation

PRO HS-SEALER PLUS (SATIN FINISH) cannot be applied on a surface previously sealed with a silicone-type sealer. For surfaces previously sealed with an acrylic and/or urethane finish or sealer, use the appropriate remover. For existing water-based sealers or finishes, use PRO DECAP. For solvent-based sealers, use an appropriate remover for solvent-based acrylic sealers and finishes.

1. Apply a thin coat of sealer, spreading slowly to avoid air bubble formation.
2. Allow surface to dry completely (4 to 6 hours) before applying another coat, if needed. 1 or 2 coats are usually enough for dense stones. A 3rd coat is recommended for porous stones.
3. When applying on vertical surfaces, make sure there is no accumulation of sealer in the joints or on the top edge of the tiles to avoid the appearance of streaks. Sealer will take 28 days to gain full strength.

## Application Issues

### Sealer Appears Uneven on the Surface of the Tiles

This may happen on areas showing an excess or shortage of sealer on tiles.

#### Main causes

- ♦ This generally occurs because the tile surface porosity is uneven, which affects the penetration of the sealer and creates an uneven look.
- ♦ Strong peaks and valleys on the surface of tiles cause the sealer to accumulate in lower areas during the drying period.

#### Corrective measures

- ♦ In the case of uneven look not related to the texture of the tile, apply an additional thin coat of sealer.
- ♦ For tiles where sealer has accumulated into lower areas, dry-scuff these areas with a black nylon scuff pad to remove the excess sealer, and then apply a thin coat of sealer to even out the appearance.
- ♦ Or remove old sealer entirely with PRO DECAP™ (see respective data sheet for details), and then reapply sealer according to application instructions.

### Whitish Appearance of the Sealer

A whitish appearance may occur on the surface of the sealer after drying. This usually occurs when a thick coat of sealer has been applied or if the sealed surface was altered during the drying period.

#### Main causes

- ♦ Applying a thick coat of sealer especially for second and additional coats.
- ♦ Not allowing enough time for the sealer to dry before wiping it with a cloth, a brush or a sponge.

## Corrective measures

- ♦ If the whitish appearance is caused by excess sealer dry-scuff the surface with a black nylon scuff pad or strip off sealing using PRO DECAP before applying new coats of sealer (see respective data sheet for details).
- ♦ If the whitish appearance is from wiping the surface before it has properly dried, strip off sealer using PRO DECAP before applying new coats of sealer (see respective data sheet for details).

### Appearance of Air Bubbles on the Surface

Air bubbles could appear on the surface of the tiles after the suggested drying period. This problem generally occurs because a sponge roller or paintbrush was used for the application.

#### Main cause

Spreading sealer too quickly on the surface creating excessive bubbles in the sealer. In spite of the anti-foam agents in the sealer, the excessive bubbles are not able to break up and level out before solidifying during the drying process.

#### Corrective measures

Dry-scuff areas with a black nylon scuff pad and/or use PRO DECAP™ to remove the sealer (see respective data sheet for details); and then reapply sealer according to application instructions.

### Appearance of Streaks on the Surface

Appearance of streaks after the drying period usually occurs when the sealer is applied too thin and/or with an applicator that leaves excessive streaks when used.

#### Main cause

Sealer was applied using a brush that leaves excessive streaks during application and/or because the coat was applied too thin to allow leveling agents in the sealer to correct streaks before solidifying during the drying period.

#### Corrective measures

Dry-scuff areas with a black nylon scuff pad and/or use PRO DECAP™ to remove the sealer (see respective data sheet for details); and then reapply sealer according to application instructions.

### Dull Appearance with Grout Residue on the Surface

If a dull grayish appearance occurs, this is generally due to the presence of grout residue that was not properly removed and is now partially sealed to the surface.

#### Main causes

- ♦ Grout residue was not properly removed from the surface of the tiles during cleanup.
- ♦ Not enough time was allowed during the cleanup process for the grout to harden properly allowing the grout residue to stick to the surface.
- ♦ Applying the sealer at a temperature lower than recommended, thus not allowing the sealer to dry adequately prior to grouting.

#### Corrective measures

Use PRO DECAP™ to remove the sealer (see respective data sheet for details); and then reapply sealer according to application instructions.

### Drying Time

Normal circulation or use generally after 24 hours. Final cure after 28 days.

### Disposal

Do not dispose of excess sealer into sewers; instead send to an appropriate recycling center.

### Health and Safety

Refer to the Material Safety Data Sheet (MSDS) for complete details.





## 6. AVAILABILITY AND COST

PROMA products are widely available in Canada and the Northeast United States. To find a distributor of PROMA products, call **toll-free:1.866.51.PROMA (77662)**.

## 7. WARRANTY

PROMA warrants that this product is manufactured using quality raw materials and is of merchantable quality and suitable for the purpose for which it was intended. PROMA's liability under this warranty shall be limited to the replacement of its product proven to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising from the use of/or the inability to use this product.

## 8. MAINTENANCE

Use a neutral floor cleaner.

## 9. TECHNICAL SERVICE

For more detailed information on this product, please contact our technical department for proper recommendations and job field assistance. **Toll-free: 1.866.51.PROMA (77662)**.

## 10. FILING SYSTEM

Additional information is available upon request, or by visiting **[www.proma.ca](http://www.proma.ca)**.





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