PRO SEAL™ II



2. MANUFACTURER

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3. PRODUCT DESCRIPTION

PRO SEAL II is a water-based acrylic sealer for cement grout that cures to form a highly-resistant barrier to staining from most domestic contaminants, such as grease, acids, coffee, wine, soft drinks, cooking oils, etc. and wear. PRO SEAL II slightly enhances color and gloss, resistance to freeze-thaw exposure and dramatically eases the cleaning process.

Features

- Water-based topical sealer formulated to seal sanded and un-sanded cementitious grout joints
- Use on countertops and floors
- Low color enhancement
- Low sheen
- Good protection against household dirt and stains
- Good water repellency
- Good oil and grease resistance
- No food transmission
- Dries quickly
- Faint odor
- No ammonia
- For interior institutional, commercial and residential applications
- Biodegradable – in conformity with OCDE 301 E rule
- Meets Environmental standards for acrylic floor sealers and finishes
- 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

500 ml (16.9 oz) bottle [S100-05]; 4 L (1.05 US gal) bottle [S100-04]

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 days curing time.
- Do not use for sealing epoxy joints, such as PRO GROUT XTREME™, since they are already stain resistant, 100% solids (see data sheet for details).
- Do not use in extremely humid areas (public showers, saunas, pools).
- Adversely affected by abrasives and/or strong alkali cleaners.



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.

WORKING PROPERTIES (@23° C [73° F] and 50% RH)	
Drying time before applying 2nd coat	30-45 minutes
Light circulation after sealer is dry	24 hours
Normal circulation after sealer is dry	7 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	< 5 g/100 ml
Color	White translucent
Color enhancement	Low
Odor	Faint
Approximate coverage (6 mm [1/4"] joint, 30 x 30 cm [12" x 12"] tiles *	
500 ml (16.9 oz)	30 m^2 (325 ft^2)
4 L (1.05 US gal)	240 m^2 (2,500 ft^2)
Shelf life	
24 months if kept in its original unopened packaging and stored in a dry location. Protect from freezing.	
*Varies with the 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 SEAL II comes in a ready-to-use container.

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 Grout

Allow proper curing before applying sealer (Refer to manufacturer's recommendation) usually 7 to 14 days.

Surface Recoating

Only on surfaces sealed with PRO SEAL II. First surface must be cleaned with PRO DECAP™ or PRO NET™ II, using the proper dilution rate (see respective data sheets for details).

Existing Grout, Previously Sealed

Use PRO DECAP to remove water-based acrylic and/or urethane sealers prior to application of PRO SEAL II (see respective data sheet for details). For solvent-based sealers, use an appropriate remover for solvent-based acrylic sealers and finishes.

Application

1. Remove the seal and cut the tip of the spout, then insert a small piece of sponge into the extremity of the spout, pushing it to the end. The sponge piece will hold back the sealer in the bottle when up-side down and provide easy application by just squeezing the bottle.
2. Place the spout tip on the grout joint and apply sealer gently by squeezing the bottle and moving it along the joints. 1 or 2 thin coats is usually sufficient. Allow 30 to 45 minutes to dry between coats or until surface is totally dry.
3. Remove spills or excess on tiles with a damp cloth as soon as the sealer in the joints is dry to the touch. If it is too difficult, use PRO DECAP for removal.

Note: The sealer protection should be adequate for many months. To evaluate if an additional coat of sealer is necessary, put a few drops of water on the surface and wait a few minutes. Afterwards, if water drops still bead and the color under the drops is not enhanced, than you can conclude that the surface is well protected and doesn't need any additional coat of sealer. On the opposite, apply an additional coat of sealer as per recoating instructions.

Application Issues

Appearance of Sealer on Top Edge of Tiles, Along Grout Lines

Main causes

This generally occurs when a sponge brush is used to apply the sealer or when a large quantity of sealer is applied in and it spreads out onto the tiles.

Corrective measures

- Allow the sealer to dry, and then scuff with a black nylon scuff pad to remove the excess sealer.
- Remove the excess sealer from the surface of the tiles with PRO DECAP (see respective data sheet for details).

Drying Time

Normal circulation 7 days after surface is dry. Sealer gains full strength after 28 days.

Health and Safety

Refer to the Safety Data Sheet (SDS) 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 or PRO NET II (see respective data sheet or details).

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.**

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