PRO SUPERPRIME™

2. MANUFACTURER

PROMA ADHESIVES Inc.
9801, Parkway, Anjou, Quebec Canada H1J 1P3
Tel.: 514.852.8585
Fax: 514.852.8225
Toll-free: 1 866.51.PROMA (77662)
Email: info@proma.ca
Web: www.proma.ca

3. PRODUCT DESCRIPTION

PRO SUPERPRIME™ is a universal, premium-quality, highly concentrated, solvent-free acrylic primer used for priming most substrates including well-prepared plywood and wood subfloors, concrete surfaces, resin-based floor coatings, homogeneous PVC, well-bonded VCT/VAT, cutback and adhesive residue, gypsum, cement or epoxy terrazzo, steel, copper, lead, stainless steel, quarry and ceramic tile, porcelain, granite and marble. **PRO SUPERPRIME™ can ready nearly any surface for PROMA leveling underlayments, toppings and setting materials without the need for scarifying or shotblasting, saving valuable time and money!**

Features

- Use to create tenacious bonds to nearly any substrate
- Use in place of shot-blasting and scarifying, saving valuable time and money
- Use to prime substrate for increased adhesion with self-leveling underlayments, toppings and setting materials
- Qualifies as part of PROMA's LIMITED WARRANTY PROGRAM up to a LIFETIME (contact PROMA for details)
- Apply easily with a push broom
- Primer is colored when dry for easy detection on the surface to help ensure full coverage
- Reduce substrate porosity
- For interior institutional, commercial and residential applications
- DIRECT BOND™ Guarantee assures bond to approved surfaces
- Contributes to LEED® and WELL® objectives and requirements
- Intertek Clean Air GOLD Certified – conformance to California Department of Public Health (CDPH) Standard Method v1.2

Packaging

3.79 L (1 US gal) bottle; 18.9 L (5 US gal) pail







Suitable Substrates

- Dry, completely cured concrete (at least 28 days old)
- Double layered EXTERIOR Grade Douglas Fir Plywood, certified CANPLY (SELECT) or (SEL-TF) CSA 121, minimum 32 mm (1 1/4") total thickness, for INTERIOR Residential Light -duty Floors in dry areas only.
- Cement backer units (CBU)
- Cementitious screeds, rendering, leveling coats and mortar beds
- Gypsum and light-weight concrete surfaces*
- Existing ceramic and quarry tiles, porcelain, granite and marble
- Cementitious and Epoxy Terrazzo floors
- Metal such as steel, copper, stainless steel, aluminum or lead
- Old Cut-back adhesive residue and non-soluble adhesive residues
- Existing VAT and VCT tiles, and non-cushioned vinyl sheet goods
- Homogeneous PVC flooring
- Painted substrates
- PRO BLOCK™ MMS or PRO BLOCK™ MMS ECO moisture management sealer system
- Resin-based floor coverings (epoxy, urethane or polyurethane)

* *Provided that the tensile bond strength of 72 psi (0.5 MPa) is reached as a minimum for self-leveling applications*

Limitations

- For INTERIOR installations only.
- Do not use at temperatures below 10°C (50°F) or above 35°C (95°F).
- Do not use over cushion-backed sheet vinyl floor covering.
- Do not use when in the presence of hydrostatic pressure or humidity problems.
- Do not use this product as a floor finishing primer or surface sealer or without covering it over with a floor covering material.
- Do not apply directly over particleboard, chipboard, presswood, Lauan, masonite, OSB and similar dimensionally unstable materials.
- Do not apply over wet areas.
- Do not use for installations subject to prolonged water immersion.

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.

PHYSICAL PROPERTIES (@23° C [73° F] and 50% RH)	
Drying time	1 to 3 hours approximately

MECHANICAL PROPERTIES (@23° C [73° F] and 50% RH)	
VOC content	< 10 g/L
pH of latex	7.6
Latex density	1.05 g/mL
Product color when wet (1 : 1 : 1)	Salmon
Product color when dry (1 : 1 : 1)	Brown
Approximate coverage	See Dilution Reference Chart
Shelf life	
24 months if kept in its original unopened packaging and stored in a warm, dry location. ***Protect from freezing.***	

5. INSTALLATION

Surface Preparation

(Refer to PROMA Surface Preparation Guidelines for complete details)

NOTE: *This product comes with a DIRECT BOND™ Guarantee that assures it will bond directly to approved surfaces as long as all materials are mixed and used over clean, sound, properly prepared substrates in strict accordance with industry standards and practices, and with the respective PROMA product system specifications, instructions, limitations, shelf life, and technical requirements. Contact our Technical Services Department for additional guidance, if needed.*

- All supporting surfaces must be structurally sound, solid, stable, level, plumb, level and true to a tolerance in plane of 1/4" in 10'-0" (6 mm in 3 m) or in accordance with the requirements of the floor covering being installed.
- 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.
- Acids, concentrated alkaline conditions and cleaning chemical residues must be neutralized or removed.
- All concrete substrates must be completely cured (at least 28 days old), solid, sound, slightly textured and have a direct tensile cohesive strength greater than 1.2 MPa (175 psi) when tested in accordance with ACI 503 R – (Appendix A) procedure.
- On grade or below grade concrete slabs must be installed over an effective vapor barrier.
- All concrete substrates must be dry and free of hydrostatic conditions and/or extreme moisture problems. Perform a calcium chloride moisture emission test (ASTM F-1869) on the concrete substrate before proceeding with the installation of the floor. For wood flooring and resilient floor covering installations, the moisture vapor emission of the concrete must not exceed 1.36 kg per 93 m² (3 lb per 1,000 ft²) per 24 hours. Do not prime, repair, level or patch the substrate, or install any floor covering materials until moisture problems and conditions have been addressed to meet these requirements. **Please contact our Technical Service Department for appropriate recommendations**.

Mixing and Application



1. Use clean mixing-tools and containers.
2. Stir PRO SUPERPRIME thoroughly before use.
3. **Dilute according to reference chart below.**
4. Use a low-speed mixer (between 150-300 rpm) for stirring and mixing.
5. Apply PRO SUPERPRIME™ primer or slurry to the substrate with a soft-bristled push broom. A pump sprayer can be used when applying PRO SUPERPRIME™ with water only.
6. Let PRO SUPERPRIME™ primer or slurry dry for approximately 1-3 hours prior to the application of self-leveling underlayment or repair mortar.
7. Apply second coat (OPTIONAL, if required).
8. Clean tools and hands with water while product is still fresh.

DILUTION REFERENCE CHART

SUBSTRATE	DILUTION PRO SUPERPRIME™ : Water : Powder*	COVERAGE***
Smooth Concrete	1 : 1 : 1*	26.5 m² (300 ft²)
Wood Substrates, Vinyl Sheet Goods	1 : 1 : 1*	16.3 m² (175 ft²)
VCT, VAT, Homogeneous PVC, cutback and adhesive residues	1 : 1 : 1*	20.9 m² (225 ft²)
Ceramic and Quarry Tile, Marble, Granite, Metal Surfaces, Painted Surfaces	1 : 1 : 1*	30.7 m² (330 ft²)
PRO BLOCK™ MMS PRO BLOCK™ MMS ECO	1 : 1 : 1*	30.7 m² (330 ft²)
Brushed Concrete, Light-Weight Concrete, Gypsum Surfaces	1 : 3**	26.5 m² (300 ft²)
Highly Porous Surfaces (2 coats)	1st Coat 1 : 5** + 2nd Coat 1 : 3**	1st Coat: 29.2 m² (315 ft²) 2nd Coat: 30.7 m² (330 ft²)

* *Use either a self-leveling underlayment (such as PRO PLAN™ or PRO LIQUID FINISH™ RS) or a patching compound (such as PRO PATCH™ or PRO PATCH™ SUPREME) or a fast-setting polymer-modified thin-set mortar (such as PRO QUICK™ SET or PRO P-151™ RAPID) powder mix when required.*

** *No powder required.*

*** *Approximate coverage per 1 gal of PRO SUPERPRIME™ : 1 gal of WATER : 1 gal of POWDER (by volume), depending upon dilution ratio used.*

Expansion and Control Joints

- Install control joints where tiles abut restraining surfaces, around the perimeter of the work and at the base of columns and curbs.
- Install and space expansion and control joints in all directions in accordance with TCNA HANDBOOK FOR CERAMIC TILE INSTALLATION Detail #EJ-171 recommendations, or TTMAC Specification Guide 09 30 00 Detail #301-MJ recommendations. CAUTION: DO NOT cut EXPANSION JOINTS in after the tiles have been installed. Install tiles normally and stop when the control joint location is reached. Cut the tile if required and resume setting from the opposite side of the joint. Before proceeding further, rake the joint and leave the tile and joint space clean.
- DO NOT FILL EXPANSION JOINT SPACE UNTIL GROUTING IS COMPLETED on the remainder of the job.
- Install a suitable industry-approved compressible bead and flexible sealant to caulk expansion and control joints. Follow the sealant manufacturer's installation instructions.

Drying Time

- Allow PRO SUPERPRIME™ to dry and harden completely before installing a PROMA self-leveling underlayment, repair mortar or setting material. Generally, PRO SUPERPRIME™ primer dries in about 1-3 hours (@ 23°C [73°F] and 50% RH); however the drying time may vary according to the prevailing room and substrate temperature and humidity conditions at time of application.

  Note: Remove all puddles and excess latex primer before proceeding further with the application of the self-leveling or topping products.

Cleaning

Clean tools and hands with water while the product is still fresh.

Health and Safety

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

6. AVAILABILTY 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.

This product qualifies as part of PROMA's LIMITED WARRANTY PROGRAM up to a LIFETIME, the whole subject to the terms and conditions of the applicable warranty program. This limited program applies to specific individual PROMA products when used together as a complete system. A combination of qualifying PROMA products must be properly used for each stage of preparation, installation, and finishing to be eligible for this limited warranty program. Visit *www.proma.ca*, or contact PROMA by phone (toll-free: 1 866.51.PROMA [77662]) or by email (info@proma.ca) for complete terms and conditions.

8. MAINTENANCE

Product requires no special maintenance. Do not leave without floor covering or exposed as a resurfacing material.

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.**

Cured concrete (28 days)



Metal such as steel, copper, stainless steel, aluminum or lead



Exterior-grade plywood



Existing ceramic and quarry tiles, porcelain, granite and marble



Cement and Epoxy Terrazzo Floors



Existing VAT, VCT, non-cushioned vinyl sheet goods, homogeneous PVC flooring



Adhesive residue



Painted, and sealed substrates such as PRO BLOCK™ MMS ECO



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