



# PRO 7450™

## 2. MANUFACTURER

### PROMA ADHESIVES Inc.

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## 3. PRODUCT DESCRIPTION

PRO 7450™ is a premium-quality clear thin-spread adhesive used for the installation of vinyl composition tile (VCT) in residential and commercial installations. PRO 7450 has excellent residual tack and extended working time. It dries clear so that chalk lines remain visible during installation.

### Features

- ◆ For the installation of vinyl composition tile (VCT)
- ◆ For residential applications, such as dormitories, apartments and condominiums
- ◆ For high-traffic commercial installations, such as offices, hospitals, airports, retail stores, schools and convention centers
- ◆ Excellent residual tack and bond strength, minimizing tile movement
- ◆ Dries clear so that chalk lines remain visible during installation
- ◆ Extended working time up to 24 hours
- ◆ Antimicrobial protection to prevent the growth of mold, mildew and bacteria
- ◆ Solvent free formula for improved indoor air quality
- ◆ High moisture resistance, up to 8 lbs per 1,000 square feet
- ◆ Recommended up to 97% R.H. as per ASTM F2170
- ◆ Alkali resistant up to pH 11
- ◆ Very low VOC and odor
- ◆ Easy to apply and clean
- ◆ Freeze/thaw stable formula (5 Cycles at -12°C [10°F])
- ◆ Contributes to LEED® objectives and requirements

### Packaging

3.79 L (1 US gal) pail, 15 L (4 US gal) pail

### Suitable Substrates

- ◆ Concrete
- ◆ Cement patching and leveling compounds
- ◆ Terrazzo
- ◆ Wood, such as APA grade plywood
- ◆ Properly prepared gypsum-based underlayments
- ◆ Properly prepared, fully bonded ceramic tile
- ◆ Vinyl composition tile (VCT) single layer, fully bonded and properly prepared
- ◆ Cutback adhesive residue (ridge marks must be removed)
- ◆ PRO BLOCK MMS™ epoxy-based moisture management system



### Limitations

- ◆ For interior installations only.
- ◆ Do not use at temperature below 10°C (50°F) or above 35°C (95°F).
- ◆ Do not expose adhesive to direct sunlight. In such cases, apply the flooring material immediately after drying.
- ◆ Do not install over concrete with a moisture vapor emission rate greater than 8 lbs per 1,000 square feet per 24 hours (per ASTM F1869) or when relative humidity conditions exceed 97% (per ASTM F2170).
- ◆ All concrete slabs on or below grade level with testing results exceeding 5 lbs. or 75% RH must have an intact vapor barrier in conformance with ASTM E1745.
- ◆ Do not store at extreme temperatures (hot or cold) and protect from freezing under -12°C (10°F).

#### 4. TECHNICAL DATA

WORKING PROPERTIES (@23° C [73° F] and 50% RH)	
Drying time	Up to 60 minutes
Working time	Up to 24 hours

PHYSICAL PROPERTIES (@23° C [73° F] and 50% RH)		
VOC content (calculated)	< 21 g/L	
Odor	Very low	
pH	8-11	
Color	Off-white when wet, translucent when dry	
Consistency	Smooth and easy to spread	
Solid content	50-60%	
Freeze thaw stability	Pass 5 cycles at -12°C (10°F)	
Approximate coverage*		
	ft <sup>2</sup> (m <sup>2</sup> ) / 1 US gal (3.79 L) pail	ft <sup>2</sup> (m <sup>2</sup> ) / 4 US gal (15 L) pail
Porous substrates		
1/16" x 1/32" x 1/32" (1.6 x 0.8 x 0.8 mm)** U-notch trowel	180-272 ft <sup>2</sup> (17 – 25 m <sup>2</sup> )	720-1,088 ft <sup>2</sup> (67 – 101 m <sup>2</sup> )
Non-porous substrates		
1/16" x 1/32" x 5/64" (1.6 x 0.8 x 2 mm)** U-notch trowel	270-332 ft <sup>2</sup> (25 – 31 m <sup>2</sup> )	1080-1,328 ft <sup>2</sup> (100– 124 m <sup>2</sup> )
Shelf life		
24 months if kept in its original unopened packaging and stored at moderate temperature. Protect from freezing under -12°C (10°F).		

\* Coverages provided are estimates only. Substrate texture and porosity may have a significant impact on results.

\*\* Defined as Width x Depth x Spacing of notches. Replace worn trowels to ensure a proper application rate.

#### 5. INSTALLATION

##### Surface Preparation

- Inspect area to make sure all surfaces are sound, clean, dry, level and smooth. Plywood minimum grade should meet CANPLY CSA-0121 or APA CC group 1. All cracks and depressions should be properly filled with a PROMA high-quality cementitious underlayment.
- Surfaces should be free of oil, grease, wax, high moisture or alkali conditions. Presence of any substance that could interfere with adhesion should be avoided and a proper pH is required prior to installation.

##### Mixing

No mixing is required. This product is ready to use as is. Consult product SDS prior to use.

#### Application

- Select the appropriate notched trowel according to substrate porosity.
- Using a notched trowel, apply adhesive evenly over the substrate while maintaining a 45-60° angle with the floor.  
**Note:** Since ambient conditions and temperatures affect the drying characteristics of adhesive, the drying period may vary from the suggested time provided.
- Wait until adhesive is tacky to the touch before installation (about 30–60 minutes).
- Roll the flooring with a 100 lb weight roller, or as recommended per flooring manufacturer, across the width and length of the flooring surface.
- Promptly clean any adhesive residue while still wet to make removal much easier.
- Protect from light traffic for 24 hours and from heavy traffic for 72 hours.

#### Cleaning

Wet adhesive can be easily removed with warm soapy water and a clean rag. Use mineral spirits for dried adhesive. Caution should be taken with mineral spirits as it may be harmful to some material.

#### 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

Product requires no special maintenance. Do not leave without floor covering.

#### 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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