



PRO 4150™

2. MANUFACTURER

PROMA ADHESIVES Inc.

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3. PRODUCT DESCRIPTION

PRO 4150 is a premium-quality, fast-grabbing commercial carpet adhesive for use with almost all types of carpet backings. PRO 4150 has strong wet grab for even the stiffest flooring, optimized open time for adjustability, and superior bond strength. PRO 4150 is solvent-free, formulated with antimicrobial protection to prevent the growth of mold, mildew and bacteria, and contributes to LEED® objectives and requirements. PRO 4150 is freeze/thaw stable down to -12°C (10°F).

Features

- ◆ For the installation of commercial carpet with most backings, including jute, woven, polypropylene (Action Bac®), urethane foam (Enhancer®), latex unitary, hot melt, and needle-punch*
- ◆ 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
- ◆ Strong wet grab for even the stiffest flooring
- ◆ Optimized open time for better adjustability
- ◆ Excellent residual tack for more consistent results
- ◆ Antimicrobial protection to prevent the growth of mold, mildew and bacteria
- ◆ Solvent free formula for improved indoor air quality
- ◆ Low odor
- ◆ Easy to apply and clean
- ◆ Freeze/thaw stable formula (5 Cycles at -12°C [10°F])
- ◆ Contributes to LEED® objectives and requirements

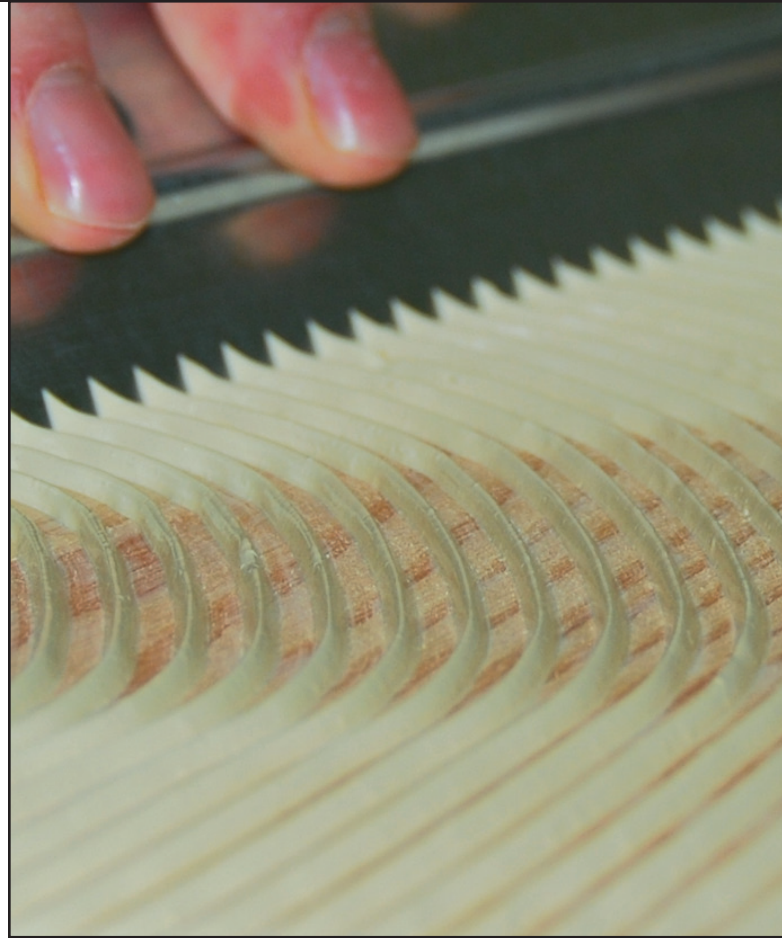
**For a backing not listed here, contact PROMA's Technical Services Department.*

Packaging

3.79 L (1 US gal) pail, 15.1 L (4.0 US gal) pail, 18.9 L (5.0 US gal) pail

Suitable Substrates

- ◆ Concrete
- ◆ Cement patching and leveling compounds
- ◆ Gypsum underlayment (ASTM F2429)
- ◆ Terrazzo
- ◆ Well-bonded vinyl composition tile (VCT) free of wax and with an embossing leveler such as Pro Patch with Pro Patch Liquid
- ◆ Wood, such as APA grade plywood



Limitations

- ◆ For interior installations only.
- ◆ Do not use at temperature below 10°C (50°F) or above 35°C (95°F).
- ◆ Do not use where high moisture and hydrostatic conditions and/or recurring moisture problems exist.
- ◆ Do not install over concrete with a moisture vapor emission rate greater than 3 lbs per 1,000 square feet per 24 hours (per ASTM F1869), or a pH of 9.0 and higher.
- ◆ Do not install over substrates with dust, dirt, grease, curing compounds, adhesive residue including cutback, or any other deleterious material, which could reduce adhesion.
- ◆ Do not use to install vinyl-backed carpet or laminate.
- ◆ Do not install non-porous flooring over a non-porous substrate.
- ◆ Do not install over vinyl sheet goods.
- ◆ Do not store at extreme temperature (hot or cold) and protect from freezing under -12°C (10°F).



4. TECHNICAL DATA

WORKING PROPERTIES (@23° C [73° F] and 50% RH)	
Open time	5-30 minutes
Drying time	12-24 hours

PHYSICAL PROPERTIES (@23° C [73° F] and 50% RH)	
VOC content (per Rule # 1168 of California's SCAQMD)	13 g/L
Odor	Very low
pH	8-10
Specific gravity	9.6 – 10.8 lb/gal (1.15- 1.30 kg/L)
Consistency	Smooth and easy to spread
Solid content	65-72%
Freeze thaw stability	Pass 5 cycles at -12°C (10°F)
Approximate coverage	
Notched trowel	Coverage [m ² /L (ft ² /gal)]
Direct Glue Down*	
<i>Woven, polypropylene (Action Bac®), latex unitary and hot melt</i>	
3 x 3 x 3 mm (1/8" x 1/8" x 1/8") v-notch trowel	1.1 – 2.0 m ² (44 – 82 ft ²)
3 x 3 x 3 mm (1/8" x 1/8" x 1/8") u-notch trowel	0.9 – 1.6 m ² (35 – 65 ft ²)
<i>Jute</i>	
2.4 x 2.4 x 2.4 mm (3/32" x 3/32" x 3/32") v-notch trowel	1.9 – 3.6 m ² (80 – 145 ft ²)
Double Glue Down*	
<i>Cushion to Floor</i>	
1.5 x 1.5 x 1.5 mm (1/16" x 1/16" x 1/16") u-notch trowel	1.5 – 2.7 m ² (60 – 110 ft ²)
<i>Smooth Carpet to Cushion</i>	
3 x 3 x 3 mm (1/8" x 1/8" x 1/8") u-notch trowel	0.6 – 1.2 m ² (25 – 50 ft ²)
<i>Rough Carpet to Cushion</i>	
4.8 x 3 x 3 mm (3/16" x 1/8" x 1/8") v-notch trowel	1.9 – 3.6 m ² (80 – 145 ft ²)
Shelf life	
12 months if kept in its original unopened packaging and stored in a dry location. Protect from freezing under -12°C (10°F).	

*Coverage results can be positively or negatively affected by the substrate texture.

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. Concrete surfaces should be free of excess moisture and have a proper pH prior to installation (see Limitations).

Mixing

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

Application

- Select an appropriate trowel size according to the texture of the flooring material and floor surface.
- Apply adhesive while maintaining a 45-60° angle with the floor.
- Lay in flooring material while adhesive is still wet to insure 100% transfer of the adhesive.
- Roll the flooring with a 75 lb weight roller 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 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

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.

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