

1. PRODUCT NAME

PS-100

2. MANUFACTURER

PROFLEX® Products, Inc.
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3. PRODUCT DESCRIPTION

PS-100 is an acrylic pressure sensitive adhesive designed for the installation of fiberglass reinforced sheet vinyl, vinyl backed carpet tiles and commercial carpet cushion. This product may be used as a releasable adhesive or a permanent adhesive (if flooring is installed while adhesive is still wet a permanent bond will be formed).

Uses

For the interior installation of vinyl back carpet tile, commercial carpet cushion, fiberglass reinforced sheet vinyl and luxury vinyl tiles (up to 12 in x 12 in).

Advantages

- Designed for use as a permanent or releasable adhesive to work with a variety of flooring types
- Optimal drying time for quick installations
- Good plasticizer migration resistance
- Enviro-Friendly – solvent-free and LEED® compliant; VOC <1g/L, SCAQMD Rule 1168
- Non-flammable. NFPA Class A and UBC Class 1 fire resistance ratings (ASTM E84)
- CRI Green Label Plus Certified – GPL#42613
- GoldGuard® antimicrobial product protection
- Traffic – heavy residential / moderate commercial

Suitable Substrates

- Concrete
- Flooring grade APA rated plywood
- Terrazzo

Packaging

4 gal pail (48 commercial units/pallet)

Clean-Up

Fresh adhesive– Warm soapy water. Dried adhesive– Use Mineral spirits sparingly with a clean, white cotton cloth. DO NOT POUR CLEANER DIRECTLY ONTO FLOORING.



Approximate Coverage

Carpet Tile, Fiberglass Sheet Vinyl, Luxury Vinyl Tile,
1/16 in. x 1/16 in. x 1/16 in. Square-Notch,
170 - 190 sq. ft.per gallon

Carpet Tile,
Medium Nap Roller,
Up to 225 sq. ft. per gallon

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year if stored at temperatures >40°F and <90°F

Flooring	Trowel	Estimated Spread Rate
Carpet Tile, Fiberglass Sheet Vinyl, Luxury Vinyl Tile	1/16 in. x 1/16 in. x 1/16 in. 	170 - 190 sq. ft. per gallon
Carpet Tile	Medium Nap Roller 	Up to 225 sq. ft. per gallon

The trowel notches referenced are those typically recommended for the type of flooring being installed. They are normally the minimum size recommended. Surface conditions (roughness and porosity of substrate), type of flooring and backing will ultimately determine the required trowel notch size and coverage. Always check with the specific flooring manufacturer's recommendations for their specific trowel requirements. Ensure 100% transfer of adhesive to the substrate and the flooring backing

4. TECHNICAL DATA

Physical Characteristics (70°F, RH 50%)

Product Type: Acrylic Latex

Permanent Install Open Time: Up to 20 minutes

Releasable Install Tack Time: Approx. 60 minutes

Working Time: Up to 24 hours

Moisture Vapor Emissions: 5 lbs. or less (ASTM F1869) / 80% or less (ASTM F2170)

pH Level: must not exceed 9.0

Shelf Life: 1 year in unopened container

Storage: Protect from freezing

5. INSTALLATION

Surface Preparation

Subfloors must be structurally sound, dry, smooth, flat, level, free of excess moisture/alkali and all substances (oil, wax, grease, paint, oil based sealers, etc.) that might interfere with the performance of the flooring or its installation. All substrate cracks, holes, high spots and irregularities must be adequately repaired to ensure a smooth, finished appearance to prevent show through and accelerated wear. Patching compounds must be suitable for the use application, polymer-modified and applied according to the manufacturer's instructions.

Expansion or other moving joints must not be filled or covered with flooring. Refer to ASTM F710 Standard Practice for Preparing Concrete Floors.

Wood Substrates – Subflooring, such as APA underlayment rated plywood, hardwood, or other materials, must be flooring grade and installed to the manufacturer's specifications with adequate ventilation and moisture protection. Ensure wood substrates have a minimum 18 in. crawl space with adequate ventilation and moisture barrier protection. Cracks, chips and joints must be properly patched or repaired. Refer to ASTM F1482 Standard Practice for Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring. Refer to CRI Carpet Installation Standard available at www.carpet-rug.org.

General

Ensure substrate, flooring material and adhesive are fully acclimated prior to installation at the same temperature and humidity level expected during normal use (between 65–95°F) with a relative humidity (RH) of no greater than 65%. Refer to flooring manufacturer's specific recommendations and industry standards.

Materials and area temperature must be between 65–95°F with a maximum RH of 65% for 48 hours before and during installation as well as for 72 hours afterward. Large temperature or humidity increases or decreases can affect the flooring and performance of the installation. Ensure adequate ventilation during flooring installation.

Application and Installation

Spread adhesive uniformly using a trowel or roller. Adhesive ridges should be of sufficient height to achieve full coverage of the substrate and the deepest recesses in the back of the flooring material.

When installing over a porous substrate, place flooring into semi-wet adhesive for a permanent bond or allow adhesive to dry and become tacky to the touch for a releasable bond. When installing over a non-porous substrate allow adhesive to dry and become tacky before placing the flooring. The amount of time in which you have to place the flooring will vary with temperature and humidity. The higher the temperature and the lower the humidity the faster the adhesive will set.

Lift a corner periodically to ensure 100% coverage of adhesive to the flooring backing and the substrate. If the adhesive is not transferring to the backing of the flooring; remove adhesive and reapply.

After Installation: Restrict foot traffic and moving of heavy objects for 24 to 48 hours to allow adhesive to cure properly. Premature traffic can cause installation failure.

6. AVAILABILITY

Proflex Products are available nationwide.

To locate Proflex products in your area, please contact:

Phone: 877-577-6353

Website: www.proflex.us

7. WARRANTY

5-Year Direct Bond. PROFLEX warrants that this product will be free from manufacturing defects for 12 months from the date of purchase, when applied in accordance with PROFLEX instructions and industry standards. PROFLEX's sole liability is to either supply new product or refund the original purchase price. This limited warranty excludes all other express warranties including the warranties of merchantability for a particular use or purpose.



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Any implied warranties arising by operation of law are limited to one year. PROFLEX® will not be liable for any incidental or consequential damages. Visit www.proflex.us for full warranty details.

Refer to material safety data sheet, www.proflex.us, industry standards and manufacturer's guidelines prior to installation for additional information.

For technical assistance please contact our Technical Department at (877) 577-6353.

8. MAINTENANCE

Not applicable.

9. TECHNICAL SERVICES

Technical assistance

Information is available by calling the Technical Support

Toll Free: 877-577-6353

Fax: 863-937-9624

Technical and safety literature

To acquire technical and safety literature, please visit our website www.proflex.us

10. FILING SYSTEM

Division 9