

# Pressure Sensitive Adhesive

# R6280

1 PREFERRED

Roberts® R6280 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).

#### Features:

- Designed for use as a permanent or releaseable 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

#### 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 12in).

#### Substrates:

Concrete, flooring grade APA rated plywood and terrazzo.

#### 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. crawlspace 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](http://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.



FLOORING TYPE	TROWEL SIZE	ROBERTS ITEM #	COVERAGE
Carpet Tile, Fiberglass Sheet Vinyl, Luxury Vinyl Tile	1/16 in. x 1/16 in. x 1/16 in. 	10-810 / 10-823 10125	170–190 sq. ft. per gallon
Carpet Tile	Medium Nap Roller 	N/A	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.

**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

**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.

**Clean Up:**

*Fresh adhesive* – use Roberts R8100 adhesive cleaner or warm soapy water. *Dried adhesive* – use Roberts R8100 Adhesive Cleaner or mineral spirits sparingly with a clean, white cotton cloth. **DO NOT POUR CLEANER DIRECTLY ONTO FLOORING.**

**Limited Warranty:**

**5-Year Direct Bond.** Roberts warrants that this product will be free from manufacturing defects for 12 months from the date of purchase, when applied in accordance with Roberts’ instructions and industry standards. Roberts’ 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.** Any implied warranties arising by operation of law are limited to one year. Roberts will not be liable for any incidental or consequential damages. Visit [www.robertsconsolidated.com](http://www.robertsconsolidated.com) for full warranty details.



Refer to material safety data sheet, [www.robertsconsolidated.com](http://www.robertsconsolidated.com), industry standards and manufacturer’s guidelines prior to installation for additional information. For technical assistance please contact our Technical Department at (706) 277-5294.

**Available Sizes:**

SIZE	PRODUCT #	UPC
4 Gallon	R6280-4	075378628040
1 Gallon	R6280-1	075378628026
1 Quart	R6280-0	075378628019

*made in*  
**USA**

**WARNING:** EXISTING FLOORING AND ADHESIVES MAY CONTAIN ASBESTOS. Unless you have confirmation that the existing flooring system is not asbestos containing, do not sand, dry sweep, dry scrape, abrade, drill, saw, bead blast, mechanically chip or pulverize existing flooring or adhesive without taking all appropriate precautions. Refer to local, state and federal guidelines for treatment and removal of these products. You may also refer to the Resilient Floor Covering Institute’s “Recommended Work Practices for Removal of Resilient Floor Coverings.”  
 EXISTING PAINT MAY CONTAIN LEAD. Unless you have confirmation that the existing paint is not lead containing, do not sand, dry sweep, dry scrape, abrade, drill, saw, bead blast, mechanically chip or pulverize existing paint without taking all appropriate precautions. Refer to local, state and federal guidelines for treatment and removal of lead containing paint. You may also refer to [www.epa.gov/lead](http://www.epa.gov/lead)