

Pressure Sensitive Carpet Tile Adhesive

2077 SUPERIOR

Roberts® 2077 is superior performing pressure sensitive adhesive. This adhesive was developed for the installation of vinyl backed carpet tile and high density cushions used in double glue down applications. It is highly plasticizer migration resistant and may be used as a releasable or permanent bond adhesive.

Features:

- Releasable or permanent bond
- Acrylic formulation
- Plasticizer migration resistant

Enviro Friendly:

- Solvent Free
- Zero VOCs (calculated)

Roberts 2077 is a solvent free adhesive and meets the strict requirements of the South Coast Air Quality Management District and may contribute one LEED point for “Low-Emitting Material–Adhesive and Sealant” (IEQ Credit 4.1) and “Low-Emitting Materials–Flooring Systems” (IEQ Credit 4.3). This product may also contribute one to two LEED points for MR Credit 5 if product is manufactured within 500 miles of the project site. Visit usgbc.org for additional details.

Roberts 2077 is protected by GoldGuard®, an antimicrobial protection system that inhibits the growth of mold, mildew and odor causing bacteria in both wet and dry adhesive.

Uses: For the interior installation of vinyl back carpet tile or commercial carpet cushion.

Substrates: Concrete, APA rated plywood, vinyl composition tile (free of wax), primed gypcrete (refer to ASTM F2419) and terrazzo. Check with the flooring manufacturer for their underlayment recommendations.

Vinyl composition tile must be well bonded and limited to one layer. Carpet should not be adhered to vinyl composition tile in high or heavy traffic areas.

Surface Preparation: Subfloors must be structurally sound, dry, smooth, flat, level and 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– Subflooring, such as APA underlayment grade plywood, hardwood, oriented strand board (lightly sanded), 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.

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.



FLOORING TYPE	TROWEL SIZE	ROBERTS ITEM #	COVERAGE
Carpet 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
Textured Back Carpet Tile	1/16 in. x 1/16 in. x 3/32 in. 	49736 / 10121-12	160–180 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.

Flooring manufacturer’s products differ in characteristics and textures. Always check with the specific flooring manufacturer’s recommendations for their specific trowel requirements. Less porous substrates typically require a smaller notched trowel and longer open time than porous substrates. Ensure 100% transfer of adhesive to the substrate and the flooring backing. Refer to Roberts Double Bond Installation Guidelines for trowel notches.

General (continued):

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.

Physical Characteristics (70°F, RH 50%):

Open Time: Up to 25 minutes

Working Time: Up to 45 minutes

Shelf Life: One year in unopened container

Product Type: Acrylic latex

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

pH must not exceed 9.0

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.

Note: For textured back tiles such as Shaw Ecoworx, a 1/16 in. x 1/16 in. x 1/16 in. square notch trowel or 1/16 in. x 1/16 in. x 3/32 in. U-notch trowel must be used.

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* – warm soapy water. *Dried adhesive* – use mineral spirits sparingly with a clean, white cotton cloth. **DO NOT POUR CLEANER DIRECTLY ONTO FLOORING.**



Refer to material safety data sheet, www.robertsconsolidated.com and industry standards prior to installation for additional information. For installation questions that are not covered in this document please contact our Technical Services Department at (706) 277-5294.

Limited Warranty: Buyer assumes all risk of use, handling and storage of product not in strict accordance with the label, printed literature and industry standards. **This limited warranty excludes all other express or implied warranties including the warranties of merchantability or fitness 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. Some states do not allow these limitations or exclusions, therefore they may not apply. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Available Size:

SIZE	PRODUCT #	UPC
4 Gallon	2077-4	075378207740
1 Gallon	2077-1	075378207719

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.