

Vinyl Flooring Adhesive

R7901

○ SUPERIOR



Roberts® R7901 Vinyl Flooring Adhesive offers up front pressure sensitive characteristics for permanent installations. This acrylic based adhesive is designed for the installation of most vinyl-backed or solid vinyl flooring. It offers the flexibility of installing over porous and nonporous substrates.

Features:

- Moisture Control Adhesive – up to 8lbs MVER (ASTM F1869) / 85% RH (ASTM F2170)
- Delivers excellent initial grab and early bond strength with optimal working time
- Outstanding plasticizer migration resistance
- Enviro-Friendly – solvent-free and LEED® compliant; VOC 9.8g/L, SCAQMD Rule 1168
- CRI Green Label Plus Certified – GLP #52711
- GoldGuard® antimicrobial product protection
- Traffic – heavy commercial

Uses: For adhering dimensionally stable vinyl (solid, pure) tile and planks, (up to 12 in. x 12 in.) rubber tiles (up to 12in. x 12in.), vinyl backed carpet and homogeneous PVC flooring.

For interior installations only.

Substrates:

Concrete, APA rated plywood, primed gyp-crete (refer to ASTM F2419) and terrazzo.

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.

Ensure the appropriate flatness/smoothness to prevent “show through” (telegraphing).




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-fortified 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 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. Refer to ASTM F1482 Standard Practice for Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring.

Existing vinyl composition tile (VCT) must be limited to one layer and well bonded. Installation over VCT is recommended for residential or light commercial traffic only. Remove all wax, floor finishes, dirt and contaminants that may interfere with the bond. Ensure manufacturer of flooring recommends installation of their product over VCT before proceeding.



FLOORING TYPE	TROWEL SIZE	ROBERTS ITEM #	COVERAGE
Vinyl Tile and Plank (porous substrate)	1/16 in. x 1/16 in. x 1/16 in. 	10-810 / 10-823 10125	170–190 sq. ft. per gallon
Vinyl Tile and Plank (semi-porous substrate)	1/16 in. x 1/32 in. x 1/32 in. 	10-816 / 10-829 10-843 / 10-845	220–240 sq. ft. per gallon
Carpet (vinyl-backed broadloom)	3/32 in. x 3/32 in. x 3/32 in. 	10-820	100–120 sq. ft. per gallon
<p>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.</p> <p>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.</p>			

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.

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

Open Time: Up to 1 hour

Working Time: 1–2 hours

Product Type: Acrylic latex

Moisture Vapor Emissions: 8 lbs. or less (ASTM F1869) / 85% or less (ASTM F2170)

pH must not exceed 10

Storage: Protect from freezing

Shelf Life: 1 year in unopened container

Application and Installation:

Spread adhesive uniformly. Adhesive ridges should be of sufficient height to achieve full coverage of the substrate and the back of the flooring material. Place flooring into the adhesive while the adhesive is still fresh. The amount of time in which you have time 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 see if the adhesive is transferring 100% to the back of the flooring. If the adhesive is not transferring to the backing; remove adhesive and reapply.

Porous Substrates – Apply adhesive with the appropriate trowel. Roll adhesive with a short nap roller (pre-primed with adhesive if the type of flooring has a tendency to telegraph/show the adhesive ridges over time). Lay flooring into the adhesive while the adhesive is wet or immediately after it has developed some tack (semi-wet). Periodically lift the flooring after you have laid it into the adhesive to check that the adhesive has properly covered the backing of the material and the substrate to ensure proper coverage.

Semi-Porous Substrates – Apply adhesive with a 1/16 in. x 1/32 in. x 1/32 in. U-notch trowel. Allow adhesive to become semi-tacky to the touch (adhesive is tacky when lightly touched; when touched harder, adhesive skin breaks and moist adhesive is exposed). Lay flooring into the adhesive after the adhesive has developed tack and within 2 hours after spreading. (*Note:* Ensure tiles are carefully placed as they cannot be re-adjusted easily after placing). Periodically lift the flooring after you laid it into the adhesive to check that the adhesive has properly covered the backing of the material and the substrate to ensure proper coverage.

Roll flooring with manufacturer's recommended roller, such as Roberts 10-950 (75 lb.) or 10-952 (100 lb.).

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 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:

15-Year Direct Bond. / 7-Year Double 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 for full warranty details.

Refer to safety data sheet, 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	R7901-4	075378790143
1 Gallon	R7901-1	075378790112

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.