

Fiberglass Sheet, Luxury Vinyl Tile & Plank Adhesive

R2315

○ SUPERIOR

Roberts® R2315 is a high performance pressure sensitive adhesive with excellent tack for fiberglass sheet vinyl, luxury vinyl tile/planks, as well as carpet tiles. This adhesive is formulated with releasable bonding properties to allow for easy repair or replacement of the flooring without causing damage to the subfloor. The Roberts R2315 product dries quickly and offers a high shear strength, making it the adhesive of choice for commercial installations where performance is key.

Features:

- Releasable to allow for ease of replacement or repair
- Persistent tack and high shear strength
- Plasticizer migration resistant
- Works with carpet tile

Enviro Friendly:

- Solvent free
- VOC 9.7 g/L

Roberts R2315 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 Materials: Adhesives and Sealants” (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 R2315 is protected by GoldGuard®, an antimicrobial protection system that inhibits the growth of mold, mildew and odour causing bacteria in both wet and dry adhesive.

Uses:

For the interior installation of fiberglass reinforced sheet vinyl, luxury vinyl tile and planks, and vinyl backed carpet tiles.

Substrates:

Concrete, APA rated plywood, vinyl composition tile (free of wax), primed gypcrete (refer to ASTM F2419) and terrazzo. Vinyl composition tile must be well bonded and limited to one layer. Do not install over vinyl composition tile in high or heavy traffic areas.

Surface Preparation:

Subfloors must be structurally sound, dry, smooth, flat, 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 rated plywood, hardwood, or other materials, must be flooring grade and installed to the manufacturer’s specifications with adequate ventilation and moisture protection. Expansion or other moving joints must not be filled or covered with flooring.

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.

General:

Ensure substrate, flooring material and adhesive are fully acclimated prior to installation at the same temperature and humidity level expected during normal use (65-95°F) with a relative humidity (RH) or 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 installation.



FLOORING TYPE	TROWEL SIZE	ITEM #	COVERAGE
Fiberglass Vinyl Sheets, Luxury Vinyl Tile & Plank, Carpet Tile	1/16 in. x 1/16 in. x 1/16 in. 	10-810 / 10-823 / 10125	170-190 sq. ft. per gallon (porous)
Fiberglass Vinyl Sheets, Luxury Vinyl Tile & Plank, Carpet Tile	1/16 in. x 1/32 in. x 1/32 in. 	10-180	200-220 sq. ft. per gallon (non-porous)

The trowel notches referenced are those typically recommended for the type of flooring being installed and 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 rates. 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 notch trowel and longer open time than porous substrates. Ensure 100% transfer of adhesive to the substrate and the flooring backing.

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

- Open Time:** Up to 20 minutes
- Working Time:** Up to 40 minutes
- Releasable Installation Tack Time:** 45 minutes
- Moisture Vapor Emissions:** 5 lbs. or less (ASTM F1869) / 80% or less (ASTM F2170)
- Product Type:** Acrylic latex
- Shelf Life:** 1 year in unopened container
- Storage:** Protect from freezing

Application and Installation:

Spread adhesive uniformly using a trowel. 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 nonporous 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 the 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 Roberts R5505 Adhesive Remover or mineral spirits sparingly with a clean, white cotton cloth.

DO NOT POUR CLEANER DIRECTLY ONTO FLOORING.

Limited Warranty:

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 www.robertsconsolidated.com, material safety data sheet 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 905-791-4444.



Available Sizes:

SIZE	PRODUCT #	UPC
1 Gallon	R2315-1	075378231516

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” at www.RFCI.com.

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.