

Universal Flooring Adhesive



2350

SUPERIOR

Roberts® 2350 is a universal high performance acrylic adhesive. This adhesive works with a wide variety of floor covering types and exhibits transitional pressure sensitive properties to allow for a wide variety of installation techniques and substrate types.

Features:

- Non-staining
- Plasticizer resistant
- Extended open time
- Hard setting
- Heavy traffic
- High solids

Enviro Friendly:

- Solvent free
- Ultra low VOCs

Roberts 2350 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). 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 2350 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 adhering vinyl (solid, pure, luxury) tile and planks, homogeneous PVC, fibreglass reinforced vinyl, cushioned backed sheet goods, paper/mineral backed sheet goods, 12 in. x 12 in. rubber tiles and vinyl backed carpet.

For interior installations only. This product is not recommended for perimeter adhered flooring.

Substrates: Concrete, underlayment grade plywood (CANPLY / APA), vinyl composition tile (clean, free of wax), primed gypcrete (refer to ASTM F2419), non-cushioned paper backed sheet goods (properly prepared with embossing leveller), radiant heated floors 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 accelerated wear or “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. Apply Roberts R-Patch 1445 or Roberts R-Level 1416 and R-Level Primer 1417 to achieve a smooth surface. Expansion or other moving joints must not be filled or covered with flooring. Refer to ASTM 710 Standard Practice for Preparing Concrete Floors.

Wood – Subflooring, such as CANPLY / APA grade plywood, hardwood, must be underlayment grade and installed to the manufacturer’s specifications with adequate ventilation and moisture protection. Cracks, chips and joints must be properly patched or repaired. Ensure the appropriate flatness/smoothness to prevent accelerated wear. Refer to ASTM F1482 Standard Practice for Installation and Preparation of Panel Type Underlayments to Receive Resilient Flooring.



FLOORING TYPE	TROWEL SIZE	ROBERTS ITEM #	COVERAGE
Vinyl-Backed Flooring	1/16 in. x 1/32 in. x 1/32 in.	10-816 / 10-829 10-843 / 10-845	250–300 sq. ft. per 3.78 litres
Vinyl Tile and Plank	1/16 in. x 1/16 in. x 1/16 in.	10-810 / 10-823 10125	170–190 sq. ft. per 3.78 litres
Carpet (vinyl-backed broadloom)	3/32 in. x 3/32 in. x 3/32 in.	10-820	100–120 sq. ft. per 3.78 litres
Carpet (texture-backed)	1/8 in. x 1/8 in. x 1/16 in.	49737 / 10137-12	90–110 sq. ft. per 3.78 litres

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.

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 (21°C / 70°F, RH 50%):

- Open Time: Up to 15 minutes
- Working Time – *Wet*: 40 minutes; *Semi-Tacky*: 120 minutes
- Product Type: Acrylic latex
- Moisture Vapour Emissions: 5 lbs. or less (ASTM F1869) / 80% or less (ASTM F2170)
- Shelf Life: One year in unopened container
- Protect from freezing.

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 wet or semi-tacky depending upon the product being installed and the subfloor porosity. This adhesive will remain pressure sensitive for up to 2 hours. Ensure the adhesive still has tack before installing flooring. The amount of time in which you have time to place the flooring will vary with temperature and humidity.

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.

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. Follow flooring manufacturer’s

recommendations regarding specific substrates (e.g. 2-part epoxy adhesive over non-porous subfloor) and whether a flooring may be installed in to wet or semi-tacky adhesive

Clean Up: *Fresh adhesive* – warm soapy water. *Dried adhesive* – use mineral spirits, Roberts 1912 or Roberts R5505 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 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 province to province.

Available Sizes:

SIZE	PRODUCT #	UPC
15.14 litres (4 U.S. gal.)	2350RB015	075378235040
3.78 litres (1 U.S. gal.)	2350RB004	075378235019
946 mL (1 U.S. quart)	2350RB001	075378235002

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