



5350



SUPERIOR

RUBBER-BOND

Rubber Flooring Adhesive

1. PRODUCT NAME

ROBERTS® 5350 RUBBER-BOND Flooring Adhesive

2. MANUFACTURER

Roberts Consolidated Industries, Inc.

300 Cross Plains Blvd
Dalton, GA 30721
(866) 435-8665 / (706) 277-5294

3. DESCRIPTION

ROBERTS 5350 RUBBER-BOND Adhesive is uniquely designed with superior bonding properties required for rubber sheet and tile flooring. It may also be used for the installation of solid vinyl sheet, luxury tile and plank, vinyl composition tile and felt-backed vinyl/rubber sheet flooring. ROBERTS 5350 flashes quickly to a tacky state, provides a robust initial grab, resistant to indentations and accepts heavy rolling loads. The use of this adhesive ensures a tenacious, permanent bond over porous and non-porous substrates.

Features and Benefits

- Moisture Control Adhesive –
Up to 10 lbs MVER (ASTM F1869) / 90% RH (ASTM F2170)
- Exceptional shear and permanent bond strength
- Ideal for rubber sheet and tile flooring
- Resistant to indentations and accepts heavy rolling loads
- Quick and easy trowelability
- Excellent resistance to plasticizer migration
- Enviro-Friendly – solvent-free and LEED® compliant; VOC <13 g/L, SCAQMD Rule 1168
- Non-flammable. NFPA Class A and UBC Class 1 fire resistance ratings (ASTM E84)
- GoldGuard® antimicrobial product protection
- Traffic – Heavy Commercial

Uses

For the interior installation of natural, synthetic or recycled rubber sheet and tile, solid vinyl sheet, tile and plank flooring, felt-backed vinyl/rubber sheet flooring, rubber/vinyl stair treads, vinyl composition tile (VCT).

Coverage and Trowel Options*

1/16" x 1/16" x 1/16" (Porous)

Flooring: Rubber Sheet and Tile; Vinyl Sheet, Tile and Plank; Felt-Backed Sheet; VCT
Coverage: 170-190 ft² per gallon

3/32" x 3/32" x 3/32" (Non-Porous)

Flooring: Rubber Sheet and Tile; Vinyl Sheet, Tile and Plank; Felt-Backed Sheet; VCT
Coverage: 100-120 ft² per gallon

1/16" x 1/32" x 5/64" (Non-Porous)

Flooring: Rubber and Vinyl Sheet
Coverage: 300-320 ft² per gallon

**The trowel notches referenced are those typically recommended for the type of flooring being installed and are shown as a guide. Consult flooring manufacturer for their specific trowel recommendations.*

Substrates

Concrete, APA approved plywood, properly prepared gypsum, sheet vinyl and VCT, radiant heated sub-floors, terrazzo and fiber cement underlayment.

Limitations

- Ensure substrate, flooring material and adhesive are fully acclimated prior to installation at the same temperature and humidity level expected during normal use.
- For interior installations only.
- Ensure adequate ventilation during flooring installation.
- Not recommended for use with all recycled rubber products. Individual product testing may be required.
- Refer to Safety Data Sheet, www.robertsconsolidated.com, industry standards, and manufacturer's guidelines and specific recommendations prior to installation for additional information.



4. TECHNICAL DATA

Product Type:	Acrylic Urethane
Color:	Beige
Odor:	Very mild non-offensive
Open Time:	Up to 20 minutes
Working Time:	Up to 70 minutes
VOC:	< 13 g/L
pH:	Must not exceed 10
Shelf Life:	1 year in unopened container
Storage:	Protect from freezing. Does not require thinning.

5. INSTRUCTIONS

Preparation

Subfloors must be structurally sound, dry, smooth, flat ($\leq 3/16"$ within 10'), level and free of excess moisture/alkali and all substances (oil, wax, grease, paint, oil based sealers, adhesive residue, etc.) that may inhibit the bond of the adhesive or the performance of the flooring or its installation.

Moisture Testing must be performed in accordance to ASTM F1869 with levels not to exceed 10 lbs/1000 ft²/24 hrs and/or ASTM F2170 with levels not to exceed 90%.

When installing over existing hard surface floors, remove finish to allow a good mechanical bond. All substrate cracks, chips, holes, joints, high spots and irregularities must be adequately repaired. Expansion or other moving joints must not be filled or covered with flooring. Patching compounds must be suitable for the use application, cement based and polymer-modified, and applied according to the manufacturer's instructions.

Installation

Maintain the same temperature and humidity during the life of the installation (between 65-95° F) with a maximum RH of 65% for 48 hours before and during installation, as well as for 72 hours afterward.

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.

Following installation, roll with a 75lb roller across adhered flooring or as recommended by the flooring manufacturer.

Curing

Up to 24 hours. High temperature and low humidity will cause the adhesive to cure faster.

After installation, restrict foot traffic and moving of heavy objects for 24 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.

6. AVAILABILITY

Packaging

4 gallon Plastic Pail (15.14 L)	5350-4	075378535041
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7. WARRANTY

10-Year Direct Bond

ROBERTS warrants that this product will be free from manufacturing defects for 12 months from the date of manufacture, 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.

8. MAINTENANCE

Not applicable.

9. TECHNICAL SERVICES

For technical assistance or installation questions not covered in this document, please contact our Technical Services Department at (706) 277-5294 or visit robertsconsolidated.com.

10. FILING SYSTEM

Division 9



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11179