

# 2350



SUPERIOR

## HARD-SET Resilient Flooring Adhesive

### 1. PRODUCT NAME

ROBERTS® 2350 HARD-SET Resilient Flooring Adhesive

### 2. MANUFACTURER

**Roberts Company Canada, Ltd.**  
34 Hansen Road South  
Brampton, ON L6W 3H4  
(866) 435-8665 / (905) 791-4444

### 3. DESCRIPTION

ROBERTS 2350 HARD-SET Resilient Flooring Adhesive is a high performance acrylic formulation that offers up front pressure sensitive characteristics, then turns to a hard-set and develops a strong bond to withstand heavy rolling loads. Designed for the installation of most solid/luxury vinyl-backed and rubber floor coverings and offers the flexibility of installing over porous and non-porous substrates.

#### Features and Benefits

- Moisture Control Adhesive – Up to 8 lbs MVER (ASTM F1869) / 85% RH (ASTM F2170)
- Excellent initial grab and early bond strength
- Firm-setting adhesive
- Very high peel and shear strengths to lock flooring in place
- Outstanding plasticizer migration resistance
- Enviro-Friendly – solvent-free and LEED® compliant; VOC < 1 g/L
- CRI Green Label Plus® Certified – GLP #52711
- GoldGuard® antimicrobial product protection
- Traffic – Heavy Commercial

#### Uses

For adhering vinyl (solid, pure, luxury) tile and planks, homogeneous PVC, fiberglass reinforced vinyl, cushioned-backed sheet goods, paper/mineral backed sheet goods, rubber tiles, recycled rubber sports flooring (non-porous subfloors) and vinyl-backed carpet.

#### Coverage and Trowel Options\*

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

Flooring: Vinyl Tile/Plank & Rubber Sheet/Tile  
Coverage: 15.8-17.7 m<sup>2</sup> per 3.78 liters / 170-190 ft<sup>2</sup> per gallon

##### 1/16" x 1/32" x 1/32" (Non-porous)

Flooring: Vinyl Tile/Plank & Rubber Sheet/Tile  
Coverage: 23.2-27.9 m<sup>2</sup> per 3.78 liters / 250-300 ft<sup>2</sup> per gallon

##### 3/32" x 3/32" x 3/32"

Flooring: Carpet (Vinyl-backed)  
Coverage: 9.3-11.1 m<sup>2</sup> per 3.78 liters / 100-120 ft<sup>2</sup> 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 underlayment rated plywood, vinyl composition tile (clean, free of wax), primed gypcrete (refer to ASTM F2419), non-cushioned paper-backed sheet goods (properly prepared with embossing leveler), radiant heated floors and terrazzo.

#### Limitations

- For interior installations only.
- This product is not recommended for perimeter adhered flooring.
- Ensure adequate ventilation during flooring installation.
- Refer to Safety Data Sheet, [www.robertsconsolidated.com](http://www.robertsconsolidated.com), industry standards, and manufacturer's guidelines and specific recommendations prior to installation for additional information.



#### 4. TECHNICAL DATA

<b>Product Type:</b>	Acrylic Latex
<b>Colour:</b>	Creamy tan
<b>Odour:</b>	Mild; odorless when dry
<b>Open Time:</b>	Up to 15 minutes
<b>Working Time:</b>	60 minutes (Wet)
<b>VOC:</b>	< 1 g/L
<b>MVER:</b>	8 lbs or less (ASTM F1869) / 85% RH or less (ASTM F2170)
<b>pH:</b>	Must not exceed 10.0
<b>Shelf Life:</b>	1 year in unopened container
<b>Storage:</b>	Freeze-thaw stable to -12°C / 10°F. 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.

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

Materials and area temperature must be between 18-35°C / 65-95°F with a maximum RH of 65% for 48 hours before and during installation as well as for 72 hours afterward.

Maintain the same temperature and humidity during the life of the installation (between 18-35°C / 65-95°F with a relative humidity (RH) of no greater than 65%). Large temperature or humidity increases or decreases can affect the flooring and performance of the installation. Lift a corner periodically to ensure 100% coverage of adhesive to the flooring backing and the substrate to ensure a void free bond.

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. Follow flooring manufacturer's recommendations regarding specific substrates and whether a flooring may be installed in to wet or semi-tacky adhesive. This adhesive will remain pressure sensitive for up to 1 hour. Ensure the adhesive still has tack before installing flooring. The amount of time in which you have to place the flooring will vary with temperature and humidity.

Roll the flooring with a ROBERTS 75-100 lb roller in both directions immediately after the flooring is installed or according to manufacturer's instructions.

##### Curing

12-24 hours. High temperature and low humidity will cause the adhesive to cure faster.

After installation, restrict foot traffic and moving of heavy objects for 24-48 hours to allow adhesive to cure properly. Premature traffic can cause installation failure. Protect flooring from water for 4 days, and standing water (e.g. cleaning) for 30 days.

##### Clean-up

*Fresh adhesive* – warm, soapy water.

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

#### 6. AVAILABILITY

##### Packaging

15.14 L / 4 U.S. gallon Plastic Pail	2350RB015	075378235040
3.78 L / 1 U.S. gallon Plastic Pail	2350RB004	075378235019
946 mL / 1 U.S. quart Plastic Pail	2350RB001	075378235002

#### 7. WARRANTY

##### 15-Year Moisture Control / 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 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](http://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 (905) 791-4444 or visit [robertsconsolidated.com](http://robertsconsolidated.com).

#### 10. FILING SYSTEM

Division 9



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