



# 6399

## FIRM SET TRANSITIONAL PRESSURE SENSITIVE



Powered by Microban® for superior mold and mildew protection.

### 1. DESCRIPTION

**ROBERTS® 6399** is a very aggressive, high-tack transitional adhesive that installs like a pressure sensitive adhesive but firms as it cures to form a permanent bond. ROBERTS 6399 can be used for wet-set or pressure sensitive installations making it suitable for different installation needs across a wide array of resilient floor types and carpet tiles. ROBERTS 6399 offers excellent plasticizer, pH and moisture resistance to withstand extreme environmental conditions. With superior shear strength, ROBERTS 6399 will perform under heavy rolling loads and in all traffic conditions.

### Features and Benefits

- Compatible with a wide range of resilient and carpet tiles
- Flexible installation methods – Wet Set and Pressure Sensitive
- Maximum moisture tolerance of 99% RH / 12lb MVER
- Superior shear strength
  - Ideal for environments with heavy traffic or rolling loads
  - Durability with reduced floor movement
- Easy to use and easy to clean
  - Apply with a trowel or roller
  - Spreads opaque white and dries clear
  - Includes green tracers
- Powered by Microban® for superior mold and mildew protection
- FloorScore® and CRI Certified
- LEED v4 contributing: CDPH v1.2

### Approved Flooring Types

LVP (Luxury Vinyl Planks)

LVT (Luxury Vinyl Tile)

VCT (Vinyl Composition Tile)

Vinyl-backed carpet tiles

Vinyl sheet goods

Other Approved Flooring Types: rubber (tile and sheet), stair treads rubber & vinyl, carpet cushion to substrate, cork-backed hard surface, cork flooring, cork underlayment

### Approved Substrates

Concrete

APA-rated plywood

Terrazzo

VCT (properly prepared)

Radiant-heated subfloors (surface temperature < 85°F)

Sheet vinyl (properly prepared) excluding self stick

Association-approved particle board

Other Approved Substrates: Cork underlayment, OSB (oriented strand board), Ceramic tile (properly prepared), Cement backerboard(primed), Gypsum(primed)

For floorings and backings not listed, contact Technical Services at (706) 277-5294.

### Recommended Trowel and Coverage Rate\*

#### 1/16" x 1/16" x 1/16" (1.5 mm x 1.5 mm x 1.5 mm) SQ Notch

Flooring (porous substrate): LVP, LVT, VCT, vinyl sheet flooring, rubber sports flooring, natural cork, rubber underlayment and carpet tile

Coverage: 125-185 ft<sup>2</sup>/per gallon (11.6-17.1 m<sup>2</sup>/per 3.78 L)

#### 1/16" x 1/32" x 1/32" (1.5 mm x .79 mm x .79 mm) U Notch

Flooring (non-porous substrate): LVP, LVT, and cork underlayment

Coverage: 185-260 ft<sup>2</sup>/per gallon (17.1-24.1 m<sup>2</sup>/per 3.78 L)

#### Short Nap Roller (3/8") (9.5 mm)

Flooring (non-porous substrate): Non-Porous

Flooring Type: LVP, LVT, VCT, carpet tile and cork underlayment

Coverage: Up to 250-350 ft<sup>2</sup>/per gallon (23.2-32.5 m<sup>2</sup>/per 3.78 L)

\* NOTE: The trowel notches referenced are those typically recommended for the type of flooring being installed, and are referenced as a guide. Coverage rates will vary depending on trowel type, substrate and installation conditions. Consult flooring manufacturer for their specific trowel recommendations.



PRESSURE SENSITIVE  
TRANSITIONAL



99% RH  
UP TO 12 LBS.  
MVER



SHELF LIFE  
2 YEARS



LIFETIME  
WARRANTY\*

\*Based on installation by an industry certified installer

## 2. TECHNICAL DATA

<b>Product Type:</b>	Acrylic Polymer Blend
<b>Color:</b>	Off white with green tracers
<b>Odor:</b>	Very mild
<b>Permanent (Wet-Set) Method</b>	
<b>Open Time:</b>	Up to 20 minutes
<b>Working Time:</b>	Up to 40 minutes
<b>Releasable (Full-Tack) Method</b>	
<b>Tack Time:</b>	Up to 60 minutes
<b>Working Time:</b>	12 hours <i>Setup time will vary slightly based on trowel notch, temperature, humidity, moisture and porosity of substrate.</i>
<b>Curing Time:</b>	24 -48 hours
<b>Traffic:</b>	Residential: 0 min (PSA) 12 hours (semi-wet) Commercial: 4 hours Rolling Loads: 24 hours
<b>pH:</b>	Must not exceed 12
<b>Shelf Life:</b>	2 years from date of manufacture when stored in the original unopened container in a controlled environment. Does not require thinning
<b>Storage:</b>	While this product is freeze-thaw stable, it is necessary to protect it from freezing. Freeze/thaw stable to 20°F (-6.7°C).
<b>VOC:</b>	<1 g/L

## 3. INSTRUCTIONS

### Limitations

- For interior installations only
- Not intended for use as a moisture mitigation system, see flooring manufacturer for any RH limitations for their respected products. Do not install in areas with known hydrostatic moisture problems or pH imbalances (pH tolerance 6-12)

### Preparation

Concrete substrate must be dry (within tested moisture tolerance of flooring and adhesive product). Subfloors must be clean, structurally sound and within flat and level tolerance of manufacturer. All substrates must be free of substances such as paints, oils, epoxies, old adhesive residues, etc. that might inhibit the bond of the adhesive or the performance of the flooring or its installation. All substrate cracks, chips, holes, joints or high spots must be adequately repaired. Patching compounds must be suitable for the use application, cement-based and polymer-modified, and applied according to the manufacturer's instructions.

## Installation

Maintain a consistent temperature and ambient relative humidity before, during and after installation (between 65-85°F and 30-50% ambient RH). Follow all industry standards and flooring manufacturer's recommendations for floor flatness, acclimation and application of flooring materials. Spread adhesive uniformly onto the substrate using a trowel (see trowel panel for recommendations). Adhesive trowel ridges should be well defined, consistent and achieve full coverage of the substrate. Observe appropriate open time.

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 non-porous substrate: always allow adhesive to completely dry and become tacky before placing flooring. Once adhesive field has reached appropriate tack, install the floor covering into the adhesive field.

Roll the floor covering with a weighted roller per manufacturer's specific guidelines.

Post installation: Restrict moving of heavy objects for 24 hours.

### Clean-up

*Fresh adhesive* – warm, soapy water on a clean cloth.

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

## 4. AVAILABILITY

USA		
4 G Plastic Pail	6399-4	075378639947
1 G Plastic Pail	6399-1	075378639916
CANADA		
56.78 L Plastic Pail	6399RB015	075378063995
3.78 L Plastic Pail	6399RB004	075378639916



## 5. WARRANTY

Roberts Consolidated Inc. offers a limited-product warranty on this product when installed in accordance with the printed specifications.

**LIMITED WARRANTY:** 10-Year limited bond warranty provided the product was properly applied within its applicable shelf life and in accordance with: (a) ROBERTS Product Data Sheet specifications and (b) governmental regulations, codes and standard industry practices, (c) and flooring product manufacturers' guidelines for the specific floor covering installed.

**LIMITED-LIFETIME WARRANTY** applies only for installations performed by industry-certified professional installers. Visit [robertsconsolidated.com](http://robertsconsolidated.com) or call (866) 435-8665 for warranty detail.

## 6. TECHNICAL SERVICES

For technical assistance or installation questions not covered in this document, please contact our Technical Services Department at (706) 277-5294 U.S.A. / (905) 791-4444 Canada



ROBERTS® and the e® logo are registered trademarks of Roberts Consolidated Industries, Inc. • Q.E.P.® is a registered trademark of Q.E.P. Co., Inc. LEED® and its related logo, is a trademark owned by the U.S. Green Building Council® • Microban® is a registered trademark of Microban Products Company. \*FloorScore applies to US products only.

M2025 12557



**Roberts Consolidated Industries, Inc.**  
300 Cross Plains Blvd, Dalton, GA 30721  
Customer Service: (866) 435-8665  
Technical Support: (706) 277-5294  
[robertsconsolidated.com](http://robertsconsolidated.com)



**Roberts Company Canada, Ltd.**  
34 Hansen Road, Brampton, ON L6W 3H4  
Customer Service: (866) 435-8665  
Technical Support: (905) 791-4444  
[robertsconsolidated.com/ca](http://robertsconsolidated.com/ca)

