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ROBERTS 6399 Firm Set Transitional Pressure Sensitive



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

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 ft²/per gallon (11.6-17.1 m²/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 ft²/per gallon (17.1-24.1 m²/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 ft²/per gallon (23.2-32.5 m²/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.

TECHNICAL DATA

- **Product Type:** Acrylic Polymer Blend
- **Color:** Off white with green tracers
- **Odor:** Very mild

Permanent (Wet-Set) Method

- **Open Time:** Up to 20 minutes
- **Working Time:** Up to 40 minutes

Releasable (Full-Tack) Method

- **Tack Time:** Up to 60 minutes
- **Working Time:** 12 hours Setup time will vary slightly based on trowel notch, temperature, humidity, moisture and porosity of substrate.
- **Curing Time:** 24 -48 hours
- **Traffic:** Residential: 0 min (PSA) 12 hours (semi-wet)
- **Commercial:** 4 hours
- **Rolling Loads:** 24 hours
- **pH:** Must not exceed 12
- **Shelf Life:** 2 years from date of manufacture when stored in the original unopened container in a controlled environment. Does not require thinning
- **Storage:** While this product is freeze-thaw stable, it is necessary to protect it from freezing. Freeze/thaw stable to 20°F (-6.7°C).
- **VOC:** <1 g/L

INSTRUCTIONS

Limitations

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

Preparation

The concrete substrate must be dry (within the tested moisture tolerance of the flooring and adhesive product). Subfloors must be clean, structurally sound and within flat and level tolerance of the 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 the 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 the appropriate open time.

- When installing over a porous substrate, place the 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 non-porous substrate, always allow adhesive to completely dry and become tacky before placing flooring. Once an adhesive field has reached the appropriate tack, install the floor covering into the adhesive field.
- Roll the floor covering with a weighted roller per the 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.

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



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 or call [866-435-8665](tel:866-435-8665) for warranty detail.

TECHNICAL SERVICES

- For technical assistance or installation questions not covered in this document, please contact our Technical Services Department at [706-277-5294](tel:706-277-5294) U.S.A. / [905-791-4444](tel:905-791-4444) Canada
- **USA**
 - Roberts Consolidated Industries, Inc.
 - 300 Cross Plains Blvd, Dalton, GA 30721
 - Customer Service: [866-435-8665](tel:866-435-8665)
 - Technical Support: [706-277-5294](tel:706-277-5294)
 - robertsconsolidated.com
- **CANADA**
 - Roberts Company Canada, Ltd.
 - 34 Hansen Road, Brampton, ON L6W 3H4
 - Customer Service: [866-435-8665](tel:866-435-8665)
 - Technical Support: [905-791-4444](tel:905-791-4444)
 - robertsconsolidated.com/ca

FAQs

- **What is the shelf life of the product?**
 - The shelf life of the product is 2 years from the date of manufacture when stored in the original unopened container in a controlled environment.
- **What are the traffic recommendations after installation?**
 - For residential use, no traffic (PSA) is recommended immediately after installation. For semi-wet applications, allow 12 hours before traffic. For commercial settings, wait 4 hours before allowing foot traffic.
- **What is the VOC level of the product?**
 - The product is compliant with VOC regulations.

Documents / Resources



[ROBERTS 6399 Firm Set Transitional Pressure Sensitive \[pdf\]](#) Owner's Manual
6399 Firm Set Transitional Pressure Sensitive, 6399, Firm Set Transitional Pressure Sensitive, Transitional Pressure Sensitive, Pressure Sensitive

References

- [One moment, please...](#)
- [One moment, please...](#)
- [User Manual](#)

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