

7399



ULTIMATE

UNIVERSAL+ with Advanced Moisture Technology Resilient Flooring and Carpet Adhesive

1. PRODUCT NAME

ROBERTS® 7399 UNIVERSAL+ with Advanced Moisture Technology Resilient Flooring and Carpet Adhesive

2. MANUFACTURER

Roberts Consolidated Industries, Inc.
300 Cross Plains Blvd
Dalton, GA 30721
(866) 435-8665 / (706) 277-5294

3. DESCRIPTION

ROBERTS® 7399 UNIVERSAL PLUS offers tremendous bond strength and unparalleled moisture and plasticizer migration resistance for a wide variety of flooring. 7399 can be used as a wet set or as a true pressure sensitive adhesive (dry to touch) when installing over non-porous substrates with an extended open time up to 12 hours, depending on the flooring type being installed. Ready for immediate light traffic and heavy traffic (including rolling loads) after just 48 hours.

Features and Benefits

- Moisture Control Adhesive – Up to 12 lbs. MVER (ASTM F1869) / 99% RH (ASTM F2170)
- High bond strength with extreme water resistance
- Excellent resistance to plasticizer migration
- Enviro-Friendly – solvent-free and LEED® compliant; VOC 1 g/L, SCAQMD Rule 1168
- Non-flammable. NFPA Class A and UBC Class 1 fire resistance ratings (ASTM E84)
- CRI Green Label Plus® Certified – GLP #42613
- GoldGuard® antimicrobial product protection
- Traffic – Heavy Commercial

Uses

LVT/LVP, VCT/VET, solid vinyl sheet goods, homogeneous and heterogeneous sheet flooring, fiberglass-backed sheet flooring, compressed quartz tile, bio-based composition tile, cork-backed hard surface, cork underlayment, ROBERTS Sound Barricade, vinyl-backed broadloom carpet, carpet tiles (hard & soft), recycled rubber and underlayment, and carpet cushions to substrate.

Coverage and Trowel Options*

1/16" x 1/16" x 1/16"

Approved Substrate: Porous
Coverage: 125-185 ft² per gallon

1/16" x 1/32" x 1/32"

Approved Substrate: Non-Porous
Coverage: 185-260 ft² per gallon

Short Nap Roller (3/8")

Flooring Type: Carpet Tile, Fiberglass-backed Sheet Goods
Coverage: Up to 250-350 ft² per gallon

1/8" x 1/8" x 1/16"

Flooring Type: Broadloom Carpet
Coverage: Up to 90-120 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

New or existing concrete and radiant heated floors not exceeding 85° F (30° C). Single layer vinyl tile over tile (well bonded; excludes self-stick), APA grade plywood and OSB underlayment. Properly prepared VCT (single layer). Properly prepared sheet vinyl (single layer, fully adhered). Properly prepared ceramic tile. AdvanTech®. Portland based self-leveling underlayment and patching compounds. Cement backerboard and fiber cement underlayment. Fully secured cork underlayment. Gypsum and lightweight concrete (primed with ROBERTS® 1331 Multipurpose Primer). Properly prepared Terrazo.



Porosity Test:

Substrates should always be tested in order to determine if the substrate is porous or non-porous. According to ASTM F3191-16, concrete substrates may be tested for porosity by placing 0.05mL (penny sized) bead of water on the surface to observe absorption. If the water is not absorbed within one minute, the substrate should be considered non-porous. If the substrate is considered non-porous, the releasable application method must be used during installation. Roberts 1331 Multipurpose Primer is recommended to improve adhesion to highly porous lightweight concrete and mechanically abraded non-porous substrates. Once primer application guidelines are met, continue with the appropriate adhesive application method. Always follow the flooring manufacturer's specific installation guidelines.

Limitations

- 7399 is 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.
- For interior installations only.
- 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 of no greater than 65%). Refer to flooring manufacturer's specific recommendations and industry standards. Maintain these conditions after the installation.
- Ensure adequate ventilation during flooring installation.
- 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 Latex/PSA
Color:	Off white
Odor:	Very mild
PERMANENT Installations (Wet-set method)	
Open Time:	Up to 20 minutes
Working Time:	Up to 40 minutes
RELEASABLE Installations (Tack-set Method)	
Tack Time:	Up to 60 minutes
Working Time:	Up to 12 hours
VOC:	1 g/L
MVER:	12 lbs or less (ASTM F1869) / 99% RH or less (ASTM F2170)
pH:	Must not exceed 12
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.

Note: Adhesives and Resilient flooring should not be installed over any substrate where chemical or solvent cleaners or adhesive removers have been used.

Moisture Testing must be performed in accordance to ASTM F1869 with levels not to exceed 12 lbs/1000 ft²/24 hrs and/or ASTM F2170 with levels not to exceed 99% RH.

When installed 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).

Spread adhesive uniformly using a trowel or roller. 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.

When installing over a porous substrate, follow open time recommendation and place flooring into semi-wet adhesive for a permanent bond or allow adhesive to dry by following releasable open time recommendation and allow adhesive to become tacky to the touch for a releasable bond. When installing over a non-porous substrate, allow adhesive to dry and become tacky before placing the flooring.

Roll installed flooring with a weighted roller per manufacturer's specific guidelines.

Setup time will vary with trowel size, temperature, humidity and porosity of substrate.

Curing

8–10 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

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

4 U.S. gallon Plastic Pail	7399-4	075378739944
1 U.S. gallon Plastic Pail	7399-1	075378773993

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 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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