



PS399

PRESSURE-SENSITIVE
**UNIVERSAL+ RESILIENT
FLOORING & CARPET TILE ADHESIVE**



1. PRODUCT NAME

Capitol® PS399 UNIVERSAL+ RESILIENT FLOORING & CARPET TILE ADHESIVE

2. MANUFACTURER

Capitol® Flooring Products
Dalton, GA 30720
www.capitolflooringproducts.com
866-435-8665

3. DESCRIPTION

Capitol® PS399 Universal+ Resilient Flooring & Carpet Tile Adhesive generates tremendous bond strength with most resilient flooring products while providing maximum moisture vapor resistance. Capitol PS399 can be used as a wet-set or pressure sensitive adhesive with an optional extended working time up to 12 hours. This dynamic adhesive can be ready for traffic (including heavy rolling loads) after just 48 hours.

Features and Benefits

- Moisture Control Adhesive – Up to 12 lbs. MVER (ASTM F1869) / 99% RH (ASTM F2170)
- Maximum bond strength with extreme water resistance
- Rated for residential traffic, heavy commercial traffic and institutional use
- Rated for heavy rolling loads
- CRI Green Label +Plus® Certified – GLP #47922
- AMP Guard®, antimicrobial product
- Excellent resistance to plasticizer migration

PS399 is a solvent free, acrylic PSA adhesive that meets the strict requirements of the South Coast Air Quality Management District and may contribute one LEED point for “Low-Emitting Material–Adhesive and Sealant” (IEQ Credit 4.1) and “Low-Emitting Materials–Flooring Systems” (IEQ Credit 4.3). This product may also contribute to LEED points for MR Credit 5. Visit usgbc.org for additional details.

USES

For adhering LVT, LVP, VCT, Carpet Tile, rolled vinyl sheet flooring, specialty underlayment, recycled rubber and sports flooring.

Coverage and Trowel Options*

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

Flooring (porous substrate): Luxury Vinyl Tile and Plank; Vinyl Composition Tile; Carpet Tile; Cork Underlayment
Coverage: 125-185 ft² per gallon

1/16" x 1/16" x 3/32"

Flooring (porous substrate): Luxury Vinyl Tile and Plank; Cork Underlayment
Coverage: 160-180 ft² per gallon

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

Flooring (non-porous substrate): Luxury Vinyl Tile and Plank; Cork Underlayment
Coverage: 185-260 ft² per gallon

Medium Nap Roller (3/8")

Flooring (non-porous substrate): Luxury Vinyl Tile and Plank; Carpet Tile; Cork Underlayment
Coverage: 250-350 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.*



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SUBSTRATES

Concrete, primed Gypsum and lightweight concrete APA grade plywood and OSB underlayment. Properly prepared existing flooring (excludes self-stick): VCT (single layer) sheet vinyl (single layer non-cushioned, fully adhered). Properly prepared ceramic tile. Cement backerboard and fiber cement underlayment. Fully secured specialty underlayment, Terrazo and radiant heated floors not exceeding 85°.

LIMITATIONS

- For interior controlled environments 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).
- Ensure adequate ventilation during flooring installation.
- Refer to Safety Data Sheet, www.capitolflooringproducts.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 Installation (Wet-Set Method)	
Open Time:	Up to 20 minutes
Working Time:	Up to 40 minutes
PRESSURE SENSITIVE Installation (Full-Tack Method)	
Open Time:	Up to 60 minutes
Working Time:	Up to 12 hours
VOC:	< 1 g/L
Shelf Life:	1 year in original unopened container
Storage:	Protect from freezing. Does not require thinning.

5. INSTRUCTION

PREPARATION

Ensure the environment and flooring materials are fully acclimated per manufacturer's specific requirements and industry standards (prior to installation) to the temperature and humidity level expected during normal use (between 18-35°C /65-95°F with a relative humidity ≤ 65%). Maintain these conditions after the installation.

Subfloors must be structurally sound, dry, smooth, flat (≤ 3/16" within 10'), level and free of excess moisture/alkali (<10) and all substances (oil, wax, debris, paint, sealers, adhesive residue, etc.) that may inhibit the bond of the adhesive or the performance of the flooring or its installation. Follow ASTM F710 substrate preparation guidelines. All pre-installation substrate moisture and pH testing must be completed and documented prior to installation.

All substrate irregularities must be adequately repaired. Patching compounds must be suitable for the use application, cement-based, polymer-modified, and applied according to the manufacturer's instructions.

INSTALLATION

Apply the adhesive uniformly onto the substrate using the recommended trowel or roller. Observe the appropriate amount of open time per application method. See application requirements below:

When installing over a porous substrate: for a permanent bond place flooring into semi-wet adhesive allowing adhesive transfer to the back of the flooring. For a pressure sensitive bond allow the adhesive to completely dry and become tacky to the touch before placing the flooring.
When installing over non-porous substrate: always allow the adhesive to completely dry and become tacky to the touch before placing flooring. Once adhesive field has reached appropriate tack - install the floor covering into the adhesive field per manufactures guidelines. Roll the floor covering with a weighted roller per manufacturer's guidelines. Restrict foot traffic and moving of heavy objects for 24 hours.

(Permanent / Wet-Set Method)

Open Time: approx. 20 minutes
 Working Time: up to 40 minutes

(Pressure Sensitive / Full-Tack Method)

Open Time: 60 minutes
 Working Time: 12 Hours

Setup time will vary with environmental conditions and porosity of substrate.

CURING: Up to 24-48 hours

CLEAN UP: For best results, remove fresh adhesive immediately and completely with - warm, soapy water on a clean cloth. *Dried Adhesive* - mineral spirits sparingly on clean, cotton cloth. Do not pour directly onto the flooring.



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6. AVAILABILITY

Packaging

PS399-4 (4-gal plastic pail 024043180062)

7. WARRANTY

Capitol® offers a limited product warranty on this product when installed in accordance with the printed specifications. Ask your sales associate, visit capitolflooringproducts.com or call (866) 435-8665 for a copy of the warranty.

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 www.capitolflooringproducts.com.

10. FILING SYSTEM

Division 9

