

Premium Grade



# Capitol®



**CA480 is a solvent free, commercial grade carpet adhesive that was developed to hold even the most demanding installations. Great for adhering most commercial carpets including heavy traffic areas. CA480 is also an excellent adhesive for double-bond installations.**

### Features

- Extra heavy commercial traffic
- Direct and double glue
- Great rebond

This product is protected by **AMP Guard®**, an anti-microbial protection system that inhibits the growth of mold, mildew and odor causing bacteria in both wet and dry adhesive.

### \*Earth Friendly

- Solvent Free
- Low VOCs

CA480 is a solvent free, water-based 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 one to two LEED points for MR Credit 5 if product is manufactured within 500 miles of the project site. Visit [usgbc.org](http://usgbc.org) for additional details.

### Product Use

- ✓ COMMERCIAL
- ✓ EXTRA HEAVY COMMERCIAL TRAFFIC

FOR THE INTERIOR INSTALLATION OF: Polypropylene (ActionBac®), woven, hot melt, latex unitary, needle-punch, urethane foam (Enhancer™), polyurethane laminate (LifeSpan), sponge-rubber, jute, and latex-foam, commercial carpet pads and felt-back sheet vinyl over APA underlayment grade; plywood, sanded oriented strand board (OSB), hardboard, poured in place gypsum underlayment (primed) and terrazzo. For backings not listed please contact our Technical Department at (706) 277-5294.

Do not use for vinyl backed products.

### Physical Characteristics

(70°F, Relative Humidity 50%)

**OPEN TIME:** Up to 20 minutes

**WORKING TIME:** Up to 40 minutes

**VOC:** 0 g/L (coating); 0% by weight  
This product complies with Ozone Transport Commission’s VOC requirements and contains less than the maximum of 50 g/L (Outdoor Floor Covering Installation)

**STORE AND TRANSPORT:**

Protect from freezing

**SHELF LIFE:** 1 year in unopened container

### Product Notes

Moisture levels must not exceed 5 lbs./1,000 sq. ft./24 hrs. (ASTM F1869) or 85% relative humidity (ASTM F2170). Always check with the flooring and cushion manufacturer for their allowable

moisture limits. Do not exceed manufacturer’s recommendations.

Check with flooring manufacturer for the recommended substrates for their products.

The trowel notches referenced are those typically recommended for the type of flooring being installed. Surface conditions will ultimately determine trowel notch size and coverage.

After installation, restrict foot traffic and moving of heavy objects for 24 to 48 hours.

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### TROWELS AND COVERAGE

Carpet  
(polypropylene, woven)



1/8 x 1/8 x 1/8 in.

90–110 sq. ft. per gallon

Carpet  
(polypropylene, woven)



1/8 x 1/8 x 1/16 in.

65–75 sq. ft. per gallon

Carpet  
(closed-cell urethane)



3/32 x 3/32 x 3/32 in.

100–120 sq. ft. per gallon

## Preparation

Ensure substrate, flooring material and adhesive are acclimated 48 hours prior to installation and installed at the same temperature and humidity level expected during normal use (between 65–95°F, ≤65% RH). Refer to flooring manufacturer's specific recommendations. Ensure adequate ventilation during installation.

Subfloors must be structurally sound, dry, smooth, flat, level and free of excess moisture/alkali ( $\leq 9$ ) and all substances (oil, wax, grease, paint, etc.) that might interfere with bonding. Ensure proper ventilation and moisture protection under all wood subfloors.

Repair cracks, holes, high spots and irregularities. Use a polymer-modified, cement based patching compounds. Expansion/moving joints must not be filled or covered with flooring.

The trowel notches referenced are those typically recommended for the type of flooring being installed. They are normally the minimum size recommended. Consult flooring manufacturer for their specific trowel recommendations. Surface conditions and type of flooring/backing will ultimately determine trowel notch size and coverage.

## Installation

Spread adhesive uniformly with appropriate trowel or roller. Place flooring into the adhesive while the adhesive is still fresh. The amount of time in which you have to place the flooring will vary with temperature and humidity. The higher the temperature and the lower the humidity the faster the adhesive will set. Lift flooring periodically to ensure 100% transfer to the substrate and the deepest recesses in the backing of the flooring material. 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.

Restrict foot traffic and moving of heavy objects for 24 to 48 hours after installation to allow adhesive to cure properly.

## Clean Up & Removal

*Wet adhesive* – warm soapy water.

*Dry adhesive* – Capitol CL800 Adhesive Cleaner or mineral spirits sparingly with a clean, white, cotton cloth. DO NOT POUR CLEANER DIRECTLY ON FLOORING.

## Warnings

**EXISTING FLOORING AND ADHESIVES MAY CONTAIN ASBESTOS.** Unless you have confirmation that the existing flooring system is not asbestos containing, do not sand, dry sweep, dry scrape, abrade, drill, saw, bead blast, mechanically chip or pulverize existing flooring or adhesive without taking all appropriate precautions. Refer to local, state and federal guidelines for treatment and removal of these products. You may also refer to the Resilient Floor Covering Institute's "Recommended Work Practices for Removal of Resilient Floor Coverings."

**EXISTING PAINT MAY CONTAIN LEAD.** Unless you have confirmation that the existing paint is not lead containing, do not sand, dry sweep, dry scrape, abrade, drill, saw, bead blast, mechanically chip or pulverize existing paint without taking all appropriate precautions. Refer to local, state and federal guidelines for treatment and removal of lead containing paint. You may also refer to [www.epa.gov/lead](http://www.epa.gov/lead).

## Limited Warranty

Roberts Capitol warrants that this product will be free from manufacturing defects for 12 months from the date of purchase, when applied in accordance with Roberts Capitol's instructions and industry standards. Roberts Capitol's 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 Capitol will not be liable for any incidental or consequential damages. Visit [www.capitoladhesives.com](http://www.capitoladhesives.com) for full warranty details.

## Available Sizes

4 Gallon (Item #CA480-4)

## Find More Info

Refer to material safety data sheet, [www.capitoladhesives.com](http://www.capitoladhesives.com), industry standards, and manufacturer's guidelines prior to installation for additional information.

For technical assistance please contact our Technical Department at (706) 277-5294.



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Enhancer™ is a trademark of The Dow Chemical Company

