

Capitol

CA480

Carpet Adhesive

Premium-Grade

1. PRODUCT NAME

Capitol® CA480 Carpet Adhesive

2. MANUFACTURER

Roberts Capitol, Inc.

300 Cross Plains Blvd
Dalton, GA 30721
(866) 435-8665 / (706) 277-5294

3. DESCRIPTION

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 and Benefits

- Moisture Control Adhesive – Up to 10 lbs. MVER (ASTM F1869) / 90% RH (ASTM F2170)
- High tack and fast grab
- Commercial-grade; high solids
- Direct and double bond installations
- 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 #70905
- AmpGuard® antimicrobial product protection
- Traffic – Extra Heavy Commercial

Uses

For the interior installation of carpet.

Carpet Backings – Polypropylene (ActionBac®), woven, Axminster, Wilton, hot melt, unitary, needle-punch (non-woven/needle-bond), urethane foam (Enhancer™), polyurethane laminate (LifeSpan®), sponge-rubber, jute, and latex-foam.

For backings not listed, please contact our Technical Service Department at (706) 277-5294.

Coverage and Trowel Options*

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

Flooring: Carpet (polypropylene; woven)
Coverage: 65-75 ft² per gallon

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

Flooring: Carpet (polypropylene; woven)
Coverage: 90-110 ft² per gallon

3/32" x 3/32" x 3/32"

Flooring: Carpet (non-woven; closed cell; Enhancer™)
Coverage: 100-200 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

Concrete, underlayment grade APA rated plywood, vinyl composition tile (free of wax) and terrazzo.

Limitations

- Ensure adequate ventilation during flooring installation
- For interior installations only
- Do not use this adhesive for pure-vinyl or vinyl-backed products
- Refer to Safety Data Sheet, www.capitoladhesives.com, industry standards, and manufacturer's guidelines and specific recommendations prior to installation for additional information



4. TECHNICAL DATA

Product Type:	SBR Latex
Color:	Beige
Odor:	Very mild, non-offensive (odorless, when dry)
Open Time:	Up to 20 minutes
Working Time:	Up to 40 minutes
VOC:	< 1 g/L
MVER:	10 lbs. or less (ASTM F1869) / 90% RH or less (ASTM F2170)
pH:	Must not exceed 10.0
Shelf Life:	1 year in unopened container
Storage:	Protect from freezing. Does not require thinning

5. INSTRUCTIONS

Preparation

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 (RH) of no greater than 65%. Refer to flooring manufacturer’s specific recommendations and industry standards.

Moisture testing of the substrate must be preformed in accordance to ASTM F1869 with levels not to exceed 10 lbs / 1000 ft² / 24 hours and/or ASTM F2170 with levels not to exceed 90% RH.

Subfloors must be structurally sound, dry, smooth, flat (≤ 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.

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

Materials and area temperature must be between 65-95°F with a maximum RH of 65% for 48 hours before and during installation as well as for 72 hours afterward. Large temperature or humidity increases or decreases can affect the flooring and performance of the installation.

This product is ready to use and does not require mixing. Lift a corner periodically to ensure 100% coverage of adhesive to the flooring backing and the substrate to ensure a void free bond.

Spread adhesive uniformly. 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.

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.

Curing

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 gallon Plastic Pail (15.14 L)	CA480-4	024043348042
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7. WARRANTY

15-Year Moisture Control / 15-Year Direct Bond / 7-Year Double Bond

Roberts Capitol warrants that this product will be free from manufacturing defects for 12 months from the date of manufacture, 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 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 capitoladhesives.com.

10. FILING SYSTEM

Division 9



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 CRI Green Label +Plus® is a registered trademark of The Carpet and Rug Institute • LEED®, and its related logo, is a trademark owned by the U.S. Green Building Council® and is used with permission
 ** Note: Only product manufactured in the USA is FloorScore Certified