

SILPRO

BCA BROADLOOM CARPET ADHESIVE™

Latex-Based / No VOC's
Long Working Time
Excellent Bond

SILPRO, LLC / 2 NEW ENGLAND WAY / AYER, MA 01432-1514 / 800-343-1501 / 978-772-4444 / FAX 978-772-7456 / WWW.SILPRO.COM

SILPRO BCA™ provides excellent strength, working time and bond strength. BCA™ Premium Multi-Purpose is a 0 VOC, non-staining, latex-based adhesive, designed for the permanent installation of broadloom carpets and felt backed sheet vinyl. This non-flammable adhesive is protected by an anti-microbial agent that protects our adhesives and sealers from microorganisms, such as mold or mildew, in both the wet and dry state.

USE BCA™ FOR

BCA™ is recommended for use with the following carpet backings:

- Woven polypropylene (ActionBac®)
- Polyurethane Foam
- Latex Unitary
- Jute
- Rubber
- Needle-punch

Due to its non-staining formula, BCA™ can be used to install felt backed sheet vinyl. **NOTE:** This adhesive is not recommended for pure vinyl backed sheet goods or carpets.

TECHNICAL DATA

Base: Latex-resin emulsion

Color: Yellow-Tan

VOCs: 0 g/l (Calculated per Ca. Rule 1168)

SURFACE PREPARATION

Sub-floors must be flat and structurally sound. The sub-floor should be flat within 3/16" in 10' or 1/8" in 6'. All paint, varnish, oil, wax, finishes and any other bond inhibiting substances must be removed. Smooth or glazed surfaces must be abraded. Repair all joints and cracks with SILPRO substrate repair materials.

SURFACE PREPARATION CONTINUED

Never sand existing resilient flooring that could contain asbestos. Follow all Federal, State and Local regulations relating to the removal of in-place, asbestos containing material.

Very porous sub-floors must be primed with SILPRO'S C-21 ALL ACRYLIC® primer.

Utilize SILPRO VAPOR HALT™ 125 epoxy moisture mitigation system where necessary. BCA™ can be used over the following sub-floors with a maximum moisture emission rate of 5lbs/1000 sq ft. /24 hours (ASTM F1869), a pH of 7.0- 9.0 (ASTM F710), and a maximum in situ RH of 85% (ASTM F2170):

- Concrete above, on or below grade
- APA rated plywood underlayment
- Properly prepared gypsum cement

NOTE: Particleboard and OSB are not recommended underlayments. Strip or plank wood flooring, particleboard and OSB sub-floors should be covered with an approved plywood underlayment (minimum thickness of 1/4"). Before beginning installations with flooring types or over sub-floors not listed contact SILPRO Technical Services for recommendations. While some Luan plywood panels are widely marketed as "underlayments", there are a variety of qualities and species sold as such. Some varieties present severe problems when used as underlayments. Frequent problems noted are discoloration, indentation, bond failure, and underlayment delamination.

SILPRO will not warrant the adhesive when applied over Luan plywood. BCA™ cannot be used if adhesive removers, solvent or chemical cleaners have been used.

Regulations may require that existing flooring material or coatings be tested to determine the asbestos content. Refer to the instructions for removal and handling of resilient flooring published by the RFCI in the publication, Recommended Work Practices for Removal of Resilient Floor Coverings. The Resilient Floor Covering Institute may be reached thru their Website www.rfci.org or by calling 301-340-8580.

For Customer Service, Call Silpro at 1-800-343-1501

APPLICATION

1. Apply the adhesive with the appropriate trowel. Allow the adhesive to tack properly before placing the flooring into the wet-tacky adhesive. Temperature and relative humidity will affect the tack and working time of the adhesive.
2. Lay floor covering into the adhesive as to minimize air bubbles and wrinkles. Occasionally, lift the carpet or flooring to assure that a 100% adhesive transfer is achieved.
3. Seal seams and edges with an appropriate seam adhesive to prevent raveling and to maintain the appearance of the carpet.
4. Roll flooring with the appropriate three-section roller to ensure adequate adhesive transfer. Roller weight; sheet vinyl: 75-100 lbs., Carpet-direct glue: 50-75 lbs.—double glue: max. 35 lbs. Roll flooring from center to edges, forcing out air pockets. Occasionally, lift the carpet or flooring to assure that a 100% adhesive transfer has been achieved.
5. Restrict traffic for a minimum of 24 hours. For double glue applications the installation should be protected from all traffic for 24 hours, and from heavy and/or roller traffic, as well as heavy object placement, for a minimum of 72 hours. Traffic on wet, uncured adhesive can cause bond failure, which may not become apparent for months after occupancy.
6. Do not wet clean the carpet for a minimum of 30 days after completion of the installation. This will allow the adhesive to cure properly. The cleaning and maintenance program for this type installation must meet carpet manufacturer's specifications and/or IICUC Standard S001. Over wetting and use of chemicals with a 9.0 or higher pH level must be avoided.

NOTE: We recommend installers follow the guidelines set forth in CRI's Carpet Installation Standard, CRI-104. Before placing the carpet or flooring the adhesive must be allowed an open or dwell time appropriate for the flooring, backing, jobsite and sub-floor conditions. It is extremely important to maintain recommended notch depth, width and spacing. The proper notch depth is that which will produce adhesive ridges that affect a 100% transfer to both the substrate and the carpet backing to include the inner recesses of the texture of the back.

Clean-up: Remove wet adhesive with water and mild soap solution. Use Safety Solvent to remove dried adhesive. Dried adhesive may be more difficult to remove; therefore, take care to remove adhesive from the surface of the flooring before it dries. DO NOT apply the solvent directly to the flooring material.

LIMITATIONS

- Freeze-thaw stable (Stability and spread-ability can be reduced if frozen. For best results, do not allow to freeze.)
- BCA™ should not be used for exterior installations.

PACKAGING

4 Gallon Pail (15.14 Litres)

APPROXIMATE COVERAGE

Typical trowels and approximate coverage's:
(width x depth x space)

Woven polypropylene and rough backed carpets:
1/8" x 1/8" x 1/8" U-notch, 90-110 sq. ft. /gal.

Latex unitary carpets and Double Glue:
1/8" x 1/8" x 1/16" U-notch, 45-55 sq. ft. /gal.

Attached cushion carpets:
3/32" x 3/32" x 3/32" V-notch 115-135 sq. ft. /gal.

Sheet vinyl:
1/16" x 1/16" 1/16" U-notch 125-150 sq. ft. /gal.

SHELF LIFE

One year from date of manufacture in an un-opened container when stored at 70°F.

CAUTION!

SILPRO offers products that may contain cement, latex, epoxy, and other chemicals. Please review the Safety Data Sheet before the use of this product.

GUARANTEE

Please call Silpro LLC for copy of guarantee.

