



# CHAPCO® Safe-Set DB 902

## Double-Bond Carpet Adhesive



### PRODUCT DATA

#### 1. PRODUCT NAME

CHAPCO® Safe-Set DB 902 Double-Bond Carpet Adhesive

#### 2. MANUFACTURER

H.B. Fuller Construction Products Inc.  
1105 South Frontenac Street  
Aurora, IL 60504-6451 U.S.A.  
800-552-6225 Office  
800-832-9023 Technical Support  
800.952.2368 FAX  
chapco-adhesive.com

#### 3. DESCRIPTION

CHAPCO® Safe-Set DB 902 Double-Bond Carpet Adhesive is specially formulated with an extended open time for the installation of pattern matched goods. This adhesive's characteristics make it equally suited for installing carpet using the Double Bond or Direct Glue method of installation.

#### Product Features

- ASTM F 2170 - 90% RH and ASTM F 1869 - HMT at 8 lbs.
- Extended open time (45-60 min) for the installation of pattern match goods such as Axminsters
- Outstanding green strength and leg development
- CRI Green Label Plus Certified

#### Packaging

4 U.S. gallon plastic pails (15.13 L)  
Product #15018410

#### Coverage

Determine recommended trowel size based on tile type. Coverage will vary with the absorption of substrate and trowel size. Figures below are presented only as guidelines.

Flooring Type	Recommended Trowel Size	Approximate Coverage
Moderate backed carpet Direct glue down	1/8" x 1/8" x 1/8" (3 x 3 x 3 mm) V-notch trowel	10-12 yd <sup>2</sup> /gal. (2.2-2.7 m <sup>2</sup> /L)
Heavy backed carpet Direct glue down	1/8" x 1/8" x 1/8" (3 x 3 x 3 mm) U-notch trowel	6-10 yd <sup>2</sup> /gal. (1.3-2.2 m <sup>2</sup> /L)
Cushion to substrate	1/16" x 1/16" x 1/16" (1.6 x 1.6 x 1.6 mm) Square-notch trowel	18-20 yd <sup>2</sup> /gal. (4.0-4.4 m <sup>2</sup> /L)
Carpet to cushion in double stick	1/8" x 1/8" x 1/16" (3 x 3 x 1.6 mm) U-notch trowel	5 yd <sup>2</sup> /gal. (1.1 m <sup>2</sup> /L)

#### Recommended Substrates

- Concrete
- Portland Based Underlayment
- Properly Prepared gypsum
- Fiber Cement Underlayment
- Radiant Heated Subfloors
- Properly Prepared VCT and sheet-vinyl, single layer fully adhered
- Terrazzo
- APA standard underlayment grade or better
- Approved Double Bond cushions

#### Storage/Shelf Life

Store in a cool dry area away from direct sunlight. Do not store open containers. Maximum shelf life is 2 years from date of manufacture in unopened package.

#### Limitations

For interior use only. Not for use with vinyl backed carpet. Not for use in the presence of moisture or high alkalinity (pH greater than 9). Keep container sealed when not in use. Do not wet-clean carpet for 30 days after installation. Do not use when the substrate temperature is below 60°F (15°C) or above 95°F (35°C). Freeze/thaw stable to 20°F (-6.7°C) for a minimum of 5 cycles. If frozen, slowly bring to room temperature and stir before using.

#### Cautions

Read complete cautionary information printed on product container prior to use. For medical emergency information, call 1-888-853-1758.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered CHAPCO brand product(s) under normal environmental and working conditions. Because each project is different, H.B. Fuller Construction Products Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

#### 4. TECHNICAL DATA

CHAPCO® Safe-Set DB 902 Double-Bond Carpet Adhesive	
Base	SBR
Physical State	Fluid Paste
Color	Tan
Open Time	45-60 Minutes
VOC/Liter of Material	<1 g/L
Freeze/Thaw Stability	Freeze/thaw stable to 20°F (-6.7°C) for a minimum of 5 cycles. If frozen, slowly bring material back to room temperature and stir before using.
Storage	Store in cool, dry location. Do not store open containers.
Shelf Life	Maximum 2 years from date of manufacture in properly stored, unopened package.

#### 5. INSTALLATION INSTRUCTIONS

##### Preparation of Surfaces

Subfloor should be structurally sound, clean, dry and level. Remove all grease, sealers, curing compounds, loose paint, dirt, etc. Nail down any loose edges or areas of subfloor and sand smooth all raised edges. Fill cracks or depressions in floor with a suitable CHAPCO patching compound. Sand smooth and vacuum to remove dust. Over hardwood floors or wood parquet, the installation of plywood or fiber-cement underlayment is required. Plywood should be installed according to American Plywood Association guidelines. Plywood subfloor surfaces should be well nailed at all edges and through center.

All concrete substrates must be tested for moisture and pH prior to flooring installation. Install flooring with CHAPCO Safe-Set DB 902 over concrete with a moisture vapor emission rate up to 8 lb. per 1,000 sq. ft. (3.63 kg/93 m<sup>2</sup>) per 24 hours when tested in accordance with ASTM F 1869 or up to 90% RH when tested in accordance with ASTM F 2170. For concrete with greater moisture levels, treat the concrete with CHAPCO'S DEFENDER™ Moisture Vapor Barrier. See Product Data Sheet for details. Test for pH in accordance with ASTM F 710. Range of 7-9 is required.

CARPET ADHESIVES



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PRODUCT DATA

## Application Instructions

For best results, flooring material, room and adhesive should be kept at a minimum of 60°F (15°C) for 24 hours before, during and after installation. Refer to flooring manufacturers installation guidelines for proper application instructions, including trowel size and approximate coverage. CHAPCO® Safe-Set DB 902 Double-Bond Carpet Adhesive has an approximate working time of 45 to 60 minutes, depending on trowel size, floor porosity, temperature and humidity. Do not spread more adhesive than can be covered within the adhesive open-time. When installing non-porous flooring over a non-porous substrate, use the tacky method of installation. Avoid heavy traffic for 24 hours after installation. Do not wet-clean carpet for 30 days after installation.

## Clean-up

While material is still fresh, clean tools, hands and equipment with warm, soapy water.

## 6. AVAILABILITY

To locate a distributor in your area, please contact:

phone: 800-832-9002

website: [chapco-adhesive.com](http://chapco-adhesive.com)

## 7. LIMITED WARRANTY

The product(s) covered by this Product Data Sheet are sold subject to a Limited Warranty and related terms. **H.B. Fuller Construction Products disclaims the implied warranties of merchantability and fitness for a particular purpose and all incidental and consequential damages arising out of the sale, purchase or use of this product.** For Limited Warranty details visit [chapco-adhesive.com](http://chapco-adhesive.com). To obtain a hard copy of the Limited Warranty call H.B. Fuller Construction Products at 800-832-9023 or mail a written request to the address in Section 2 of this Product Data Sheet.

## 8. MAINTENANCE

Refer to carpet manufacturer's guidelines. Do not use excessive water during maintenance and/or cleaning.

## 9. TECHNICAL SERVICES

### Technical and Safety Literature:

To acquire Technical and safety literature, please visit our website at [chapco-adhesive.com](http://chapco-adhesive.com).

## 10. FILING SYSTEM

Division 3 - Concrete

Division 9 - Finishes



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