



# CHAPCO® Safe-Set DB 900

## Double-Bond Carpet Adhesive



### PRODUCT DATA

#### 1. PRODUCT NAME

CHAPCO® Safe-Set DB 900 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  
800.952.2368 FAX  
chapco-adhesive.com

#### 3. DESCRIPTION

CHAPCO® Safe-Set DB 900 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

- High Moisture Technology - up to 86% RH /8 lbs. MVER
- ASTM F 2170 - 86% RH and ASTM F 1869 - HMT at 8 lbs.
- Extended open time (30-40 min) for the installation of pattern match goods such as Axminsters
- Extremely water resistant when cured
- LEED Compliant (VOC 0 g/L) and CRI Green Label Plus Certified

#### Packaging

4 U.S. gallon plastic pails (15.13 L)  
Product #70-4747-1369

#### 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
<b>Double Bond Method of Installation (Carpet to Cushion)</b>		
Woven backed carpets	1/8" x 1/8" x 1/16" (3 x 3 x 1.6 mm) U-notch trowel	54-72 sq. ft./gal. 6-8 yd <sup>2</sup> /gal. (1.3-1.8 m <sup>2</sup> /L)
Deeper woven backed carpets	1/8" x 1/8" x 3/16" (3 x 3 x 4.8 mm) U-notch trowel	27-36 sq. ft./gal. 3-4 yd <sup>2</sup> /gal. (0.7-0.9 m <sup>2</sup> /L)
<b>Direct Glue Down Method of Installation</b>		
Smooth backed carpets	3/32" x 3/32" x 3/32" (2.4 x 2.4 x 2.4 mm) V-notch trowel	108-162 sq. ft./gal. 12-18 yd <sup>2</sup> /gal. (2.7-4.0 m <sup>2</sup> /L)
ActionBac® carpet	1/8" x 1/8" x 1/16" (3 x 3 x 1.6 mm) V-notch trowel	90-100 sq. ft./gal. 10-12 yd <sup>2</sup> /gal. (2.2-2.7 m <sup>2</sup> /L)

\* ActionBac® is a registered trademark of Propex Inc. Suitable Interior Substrates

#### Recommended Substrates

- Concrete
- Marble
- Terrazzo
- Metal
- 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 1 year 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 50°F (10°C) or above 90°F (32°C). Freeze/thaw stable to 10°F (-12°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 900 Double-Bond Carpet Adhesive	
Base	Latex
Physical State	Medium Paste
Color	Tan
Open Time	30-45 Minutes
VOC/Liter of Material	0 g/L Calculated
Freeze/Thaw Stability	Freeze/thaw stable to 10°F (-12°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 1 year 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 900 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 86% 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 900 Double-Bond Carpet Adhesive has an approximate working time of 30 to 45 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 24-48 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 AND COST

To locate a distributor in your area, please contact:

phone: 800-832-9002

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

## 7. WARRANTY

H.B. Fuller Construction Products Inc. offers a limited warranty on this product when installed in accordance with H.B. Fuller Construction Products Inc. printed specifications. Ask your sales associate or call 800-832-9002 for a copy of the limited warranty.

## 8. MAINTENANCE

Not applicable.

## 9. TECHNICAL ASSISTANCE

Information is available by calling the Technical Support Hotline:

Toll-free: 800-832-9023

## Technical and Safety Literature:

To acquire Technical and safety literature, please call 800-832-9023.

## 10. FILING SYSTEM

Division 3 - Concrete

Division 9 - Finishes



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1105 South Frontenac Street  
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PH 800.832.9002  
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