



85-75

Product Data Sheet

PROPERTIES

COLOR:
Off-White

APPLICATION CONSISTENCY:
Brush

AVERAGE WEIGHT / U.S. GALLON (ASTM D1475):
11.2 lbs. (1.34 kg/l)

AVERAGE NON-VOLATILE (ASTM D2369):
19% by volume (21% by weight)

COVERAGE RANGE:
150 to 200 sq. ft./gal. per surface (3.7 – 4.9 m²/l)
0.011 in. to 0.008 in. (0.28 – 0.20 mm) wet film thickness

FULL COVERAGE:
Applying to both surfaces will yield 75 – 100 sq. ft. bonded surface area per gallon

AS A LAP ADHESIVE:
450 – 600 linear ft. (137 – 183 m) of lap per gallon (assuming 2 in. (5 cm) wide band of adhesive at lap)

BONDING TIME:
5 min. to 1 hour

SERVICE TEMPERATURE LIMITS:
Temperature at coated surface.
-20°F* to 200°F (-29°C to 93°C)

WET FLAMMABILITY:
No flash to boiling over 104°F (40°C)

SURFACE BURNING CHARACTERISTICS (ASTM E84):
Flame Spread: 10
Smoke Developed: 0
Tested at coverage rate of 200 sq. ft./ gal. (4.9 m²/l). Applied to 1/4 inch (6.4 mm) inorganic reinforced cement board. The flame spread may vary at different product thicknesses and/or when applied over other surfaces.

LIMITATIONS
Store between 40°F (4°C) and 100°F (38°C).
Store above 70°F (21°C) at least 24 hours before use.
Make certain this product is completely dry and the area free from solvent odor if food is involved.

Always test plastic materials and painted surfaces for compatibility when using a solvent-based product.

Do not use with flexible PVC.

* For adhering laps and seams in polyester vapor barrier films, 85-75 has been tested and can be used down to -320°F (-196°C).

FOSTER® DRION® CONTACT CEMENT (Non-Flammable)



FOSTER® DRION® CONTACT CEMENT is a fast-setting, water-resistant adhesive for sealing the laps of vapor barrier jackets. Also, used for bonding materials to a variety of surfaces in applications where immediate adhesion and high initial adhesive strength are required. Especially suited for bonding two impermeable surfaces. Non-flammable, chlorinated solvents eliminate explosion and fire hazards during application.

DRION® CONTACT CEMENT is ideal for bonding the laps and seams of polyester secondary vapor barriers on cryogenic insulation systems. It maintains a strong bond between layers of polyester film even at temperatures as low as -320°F (-196°C).

DRION® CONTACT CEMENT must be applied to both surfaces, allowed to dry and then bonded with moderate uniform pressure. Gives strong immediate bond strength and allows bonding up to 1 hour after application. At temperatures below 50°F (10°C), drying time will be extended.

DRION® CONTACT CEMENT meets NFPA 90A & 90B 25/50 requirements.

DRION® CONTACT CEMENT is produced under the classification and follow-up service of Underwriter's Laboratories, Inc.

DRION® CONTACT CEMENT 85-75 meets the requirements of:

- MAS Certified Green®
- California Dept. of Public Health Standard Method v1.2
- VOC Emissions and Content requirements to contribute to **LEED v4** EQ Credit: Low Emitting Materials – Paints and Coatings
- Collaborative for High Performance Schools EQ 7.1

VOC Content: 7 g/l, less water and exempt solvents.



™ Trademark of H.B. Fuller Construction Products Inc.

Visit us on the web at www.fosterproducts.com

H.B. Fuller Construction Products Inc.

6107 Industrial Way ○ Houston, TX 77011 ○ 833-849-3700

APPLICATION GUIDE FOR FOSTER® DRION® CONTACT CEMENT 85-75 (Non-Flammable)

MATERIAL PREPARATION

DO NOT THIN. Stir well, but do not use sticks or boards which would splinter or otherwise contaminate the product. Apply only to clean, dry surfaces that are free from dust, dirt and oil. Keep container closed when not in use.

APPLICATION

LAP AND TAPE SEALING:


Use clean paintbrush of good quality. Apply a liberal, uniform coat of DRION® CONTACT CEMENT at 150 – 200 sq. ft./gal. (3.7 – 4.9 m²/l) to both mating surfaces to be bonded and allow to dry to the touch. Under normal conditions, this requires 5 minutes. If desired, the coated surfaces may be bonded up to 1 hour after application. Using firm hand pressure, adhere jacket flap and smooth entire length of seam to assure intimate contact.

ALTERNATE APPLICATION METHOD:

Apply a liberal brush coat at 75 – 100 sq. ft./gal. (1.8 – 2.5 m²/l) to the underside of the lap only. Then, close lap to transfer the adhesive to the mating surface and reopen for normal open time required for solvent evaporation before making the final bond. Seal the lap with firm pressure to assure complete contact.

CLEAN UP

Use solvents such as chlorinated solvents (non-flammable) or xylene (flammable) for cleaning brushes and equipment.

	ADHESIVES	
	SURFACE BURNING CHARACTERISTICS	
Applied to Inorganic Reinforced Cement Board		
Flame Spread:		10
Smoke Developed:		0
Tested as applied at a coverage rate of 200 sq ft/gal.		
312U		

CUSTOMER SERVICE: (833) 849-3700

IMPORTANT: H.B. Fuller Construction Products Inc. warrants that each of its products will be manufactured in accordance with the specifications in effect on the date of manufacture. WE MAKE NO OTHER WARRANTIES AND EXPRESSLY DISCLAIM ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a product fails to meet this limited warranty, purchaser's sole and exclusive remedy is replacement of the product or, at our option, refund of the purchase price. OUR ACCEPTANCE OF ANY ORDERS FOR THE PRODUCT IS EXPRESSLY CONDITIONAL UPON PURCHASER'S ASSENT TO THE TERMS ON THE APPLICABLE INVOICE.

ADEQUATE TESTS: The information contained herein we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be performed by you to determine if this product meets all of your requirements. The warranted shelf life of our products is twelve months from date of shipment to the original purchaser or as otherwise provided on the certificate of analysis.

**For professional use only. Keep out of reach of children.
Consult Safety Data Sheet and container label for further information.**