

PROPERTIES

COLOR:
Off -White

APPLICATION CONSISTENCY:
Brush

AVERAGE WEIGHT / U.S. GALLON (ASTM D 1475):
11.2 lbs. (1.34 kg/l)

AVERAGE NON-VOLATILE (ASTM D 1644):
19% by volume (21% by weight)

COVERAGE RANGE (FSTM 72):
150 to 200 sq. ft./gal. per surface (3.7 - 4.9 m²/l)
0.011 in. to 0.008 in. (.28 - .20 mm) wet film thickness.

Full Coverage:
When applied to both surfaces will yield
75 to 100 sq ft bonded surface area per gallon

As a lap adhesive:
450 to 600 lineal ft. (137-183m) of lap per gallon
(assuming 2 in. (5 cm) wide band of adhesive at lap)

BONDING TIME (FSTM 66):
5 min. to 1 hour

SERVICE TEMPERATURE LIMITS (FSTM 70):
(Temperature at coated surface)
Minus 20°F* to 200°F (-29°C to 93°C)

WET FLAMMABILITY (ASTM D 3278):
No flash to boiling over 104°F (40°C)

SURFACE BURNING CHARACTERISTICS (ASTM E 84):
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.

* 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)

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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°).

DRION CONTACT CEMENT must be applied to both surfaces, allowed to dry, and 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 contains no asbestos, lead, mercury, or mercury compounds.

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 base product.

Do not use with flexible PVC.

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 to 4.9 m²/l) to both mating surfaces to be bonded and allow to become dry to 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 to 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 insure 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 ft ² /gal 312U		

CUSTOMER SERVICE – (800) 832-9002

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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 six months from date of shipment to the original purchaser.

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