FOSTER CRYOGENIC COATING

FOSTER Cryogenic Coating is a two part black elastomeric coating designed for use in cryogenic and specific chemical resistance applications. It is suitable for application to polyurethane foam, cellular glass and fibrous glass insulations in conjunction with aluminum, steel, wood and masonry construction materials.

Cryogenic Coating has excellent resistance to moisture, water vapor and other gases. It also has good resistance to most oils, mild solvents, inorganic acids, inorganic bases and salt solutions.

Cryogenic Coating is suitable for bonding and sealing lap joints in plywood and metal, and for lagging glass cloth to itself and other surfaces. It can function both as a vapor barrier and adhesive in very low temperature applications where a water vapor tight insulation system is required. It is an excellent vapor stop coating material.

Cryogenic Coating contains no lead, asbestos, mercury, or mercury compounds.

LIMITATIONS
Store and apply between 40°F (4°C) and 100°F (38°C).

Always test plastic materials for compatibility when using a solvent base product.

Make certain this product is completely dry and the area free from solvent odor if food is involved.

Not suggested for application between two impermeable surfaces, or as an exposed finished coating.

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HB Fuller Construction Products Inc.
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APPLICATION GUIDE FOR FOSTER CRYOGENIC COATING 90-66

MATERIAL PREPARATION
Mixing instructions: Add 90-66 Part B into Part A and mix thoroughly for about 5 minutes, using an air driven mechanical stirrer. Do not whip air into the product.

APPLICATION
Apply only to clean, dry surfaces. New concrete surfaces must be at least 4 weeks old.

When used as a vapor barrier adhesive, apply at the rate of 1 gal./100 sq. ft. (0.41 l/m²) and allow to cure for 24 hours. Apply a second coat at 2 gal./100 sq. ft. (0.81 l/m²) and embed the insulation into the adhesive after 20 to 60 minutes open time, but before it skins over, making certain complete contact is made.

When used as a vapor barrier and/or vapor stop, 90-66 may be applied up to 2 gal./100 sq. ft. (0.81 l/m²) on vertical surfaces (21 mils/0.53 mm dry thickness). Apply in two coats with Mast-a-Fab reinforcing mesh embedded between coats. Reinforcing mesh must be used for cryogenic applications.

SPRAY - AIRLESS
Foster Cryogenic Coating/Adhesive may be applied at up to 50 gallons (189.25 liters) per hour through up to 200 lineal feet (61 meters) of 3/4 inch i.d. (19.05 mm) fluid hose, using a 30:1 ratio Graco Bulldog Pump, a Graco 207-300 spray gun, a Reverse-A-Clean 205-614 tip assembly, and a 629 ball tip. Other high pressure spray equipment may be used but spray rates may differ.

CLEAN-UP
Use solvents such as chlorinated solvent (non-flammable) or mineral spirits (flammable) for cleaning tools and equipment. Completely clean all equipment before pot life expires, and the adhesive sets up. Dried 90-66 is extremely difficult to remove.

CUSTOMER SERVICE—800-832-9002

IMPORTANT: HB 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 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.