



PROPERTIES

COLOR: Black

APPLICATION CONSISTENCY: Brush, spray, roller

AVERAGE WEIGHT/U.S. GALLON (ASTM D 1475):
9.6 lbs. (mixed) (1.15 kg/l)

Average non-Volatile (ASTM D 2369)
65.0% by volume (mixed)
73.5% by weight (mixed)

COVERAGE RANGE:

(Subject to type of surface being coated)
Dry Thickness:
0.031 to 0.036in. (0.79mm to 0.91mm)
Equivalent Wet Coverage:
0.048 in. to 0.056 in. (1.22 mm to 1.42 mm)
3 to 3.5 gal./100 sq. ft. (1.22 to 1.43 l/m²) on a smooth non-porous surface. Porous or rough surfaces will require higher gallonage to attain required dry thickness.

MIXING RATIO: 1:1 by volume

POT LIFE (FSTM 91A):
(Varies with temperature) 6-9 hours @77°F (25°C)

DRYING TIME 73°F (23°C) 50% RH :
Temperatures below 70°F (21°C) and adhesive applications prolonging dry time will require longer cure times.
Through: 48 hours
Full Cure: 2 weeks

SERVICE TEMPERATURE LIMITS (FSTM 203):
(Temperature at coated surface)
Minus 320°F to 180°F (-196°C to 82°C)
(up to 250°F (121° C) intermittent)

WATER VAPOR PERMEANCE:
ASTM F-1249: 0.01 Perm (0.0066 Metric Perm)
at 0.020-0.025 in. (0.51-0.64 mm) dry film thickness.

SAFETY:

Wet flammability (ASTM D 93):
Flash point 75°F (24°C)
Dry combustibility:
Combustible

FOSTER CRYOGENIC SEALER

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

Cryogenic Sealer 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 Sealer is designed for very low temperature applications to seal seams where a water vapor tight insulation system is required. It is an excellent vapor stop material for use on cryogenic pipe lines and cryogenic equipment.

Cryogenic Sealer 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.

Not suggested for application between two impermeable surfaces, or as an exposed sealant for extended periods of time.

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

Visit us on the web at www.fosterproducts.com

APPLICATION GUIDE FOR FOSTER CRYOGENIC SEALER 90-66CA

MATERIAL PREPARATION

Mixing instructions: Add 90-66 CA, 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 stop, 90-66CA 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 a tack coat of Foster 90-66CA Sealer and embed Foster Mast-a-Fab reinforcing mesh being sure to smooth all wrinkles. Follow with a finish coat of 90-66CA sealer.

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: 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 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.**