



## PROPERTIES

**COLOR:**

Gray

**APPLICATION CONSISTENCY:**

Caulking Gun

**AVERAGE WEIGHT/U.S. GALLON (ASTM D1475):**

10.8 lbs. (1.3 kg/l)

**AVERAGE NON-VOLATILE (ASTM C681):**

80% by weight – cartridge

**SHRINKAGE (ASTM D2453):**

20% maximum

**COVERAGE RANGE:**

125 linear ft. per 10.5 fluid oz. tube, 1/8 in. bead  
(38 m per 0.31 l tube, 3.2 mm bead)

30 linear ft. per 10.5 fluid oz. tube, 1/4 in. bead  
(9 m per 0.31 l tube, 6.4 mm bead)

**DRYING TIME (ASTM D2377):**

Touch: 2 Hours

Through: 72 Hours

Full: 21 Days

**SERVICE TEMPERATURE LIMITS:**

Temperature at sealant surface.

-20°F to 250°F (-29°C to 121°C)

**WET FLAMMABILITY (ASTM D56):**

Flash Point: 105°F (40°C)

**WATER VAPOR PERMEANCE (TYPICAL AVERAGE):**

ASTM F1249:

0.02 perms (0.012 metric perms) at 0.078 in. (2.0 mm) dry film thickness. Tested at 100°F (38°C) and 90% RH

0.04 perms (0.024 metric perms) at 0.078 in. (2.0 mm) dry film thickness. Tested at 73°F (23°C) and 50% RH

**SURFACE BURNING CHARACTERISTICS (ASTM E84):**

Flame Spread: 0

Smoke Developed: 0

Tested in two 1/8" (3.2 mm) beads spaced 8" (20 cm) on center 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.

## ElastiSeal™ BUTYL RUBBER SEALANT

**ElastiSeal™ Sealant** is a single component, solvent release, butyl-based sealant specifically designed to provide excellent, exterior weathering properties. It is easy to apply and tool and exhibits superior adhesion to a variety of clean surfaces.

**ElastiSeal™ Sealant** is an excellent choice for exterior sealing applications and is compatible with an array of substrates such as glass, metals, concrete, wood, masonry, some plastics and insulation including PIR, PUR and cellular glass and foil, polymeric and kraft insulation facings and jacketing.

**ElastiSeal™ Sealant** can also be used for flashing projections, terminations and laps in metal jacketing where a complete moisture and vapor seal is required.

**ElastiSeal™ Sealant** features:

- Excellent adhesion – adheres to a variety of surfaces with primer needed
- Permanently flexible
- Non-stringing formula is easy to apply
- Non-staining formula does not discolor surfaces

**ElastiSeal™ Sealant** may meet requirements for LEED 2009 IEQ 4.1 Low-Emitting Materials, Adhesives and Sealants for some applications where the use falls under the 'Other' category. Refer to LEED guides for more information. VOC content: 250 g/l, less water and exempt solvents.

**APPLICABLE STANDARDS**

- AAMA 808.3-05 Exterior Perimeter Sealing
- ASTM C1311 – Solvent Release Sealants in Building Construction, max joint movement of ±7.5%
- Federal Specifications
  - TT-S-001657 Type I – Butyl Rubber, Solvent Release Sealing Compound for Buildings
  - TT-C-1796A – Caulking Compound for Metal and Wood Seam

**LIMITATIONS**

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

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

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

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**H.B. Fuller Construction Products Inc.**

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# APPLICATION GUIDE FOR ElastiSeal™ BUTYL RUBBER SEALANT 95-88

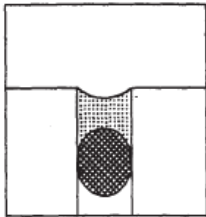
## MATERIAL PREPARATION

DO NOT THIN. Apply only to clean, dry, oil-free surfaces. Keep container closed when not in use.

## APPLICATION

### FLASHING SEALANT:

On stable or secured joints up to 3/16" (4.8 mm) width that experience up to 7.5% joint movement, a bead of sealant may be applied in the joint to fill and seal the gap. For deep joints, insert a backer at a depth equal to the width of the joint.



Tooled Joints

Where the joint may experience greater than 7.5% movement or where depth of the joint does not allow for backing or adequate adhesion to the sides of the joint, the sealant shall be applied to bridge the gap by applying/flashing over the adjoining surfaces a minimum of 2" (50 mm) in all directions. Apply a tack coat at 1/16" (1.6 mm) wet film. Embed reinforcing membrane (Mast-A-Fab® or 10x10 glass mesh) into compound. Apply a finish coat at 1/16" (1.6 mm) wet film thickness. Total film thickness to be 1/8" (3.2 mm) wet, giving a 100 mil (2.5 mm) dry film. Allow sealant to dry a minimum of 8 hours before applying finish mastic over its surface. When flashing, do not trowel out to feather edge, but maintain a minimum of 1/8 in. (3.2 mm) wet film thickness throughout entire area of use. For best application, the material temperature should be 60°F (16°C) or higher.

### METAL JACKETING:

Apply a 0.25" (6 mm) bead of sealant underneath the lap. Jacketing shall be firmly embedded and pulled up tight and banded in place. All overflow of sealant shall be removed with solvents.

## CLEAN UP

Use solvent such as VM&P Naptha or Mineral Spirits for cleaning tools and equipment.

## 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 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.**