



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.

-40°F to 250°F (-40°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% RH0.04 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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APPLICATION GUIDE FOR ElastiSeal™ BUTYL RUBBER SEALANT 95-88

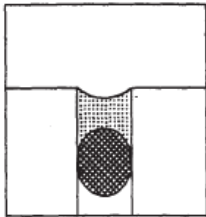
MATERIAL PREPARATION

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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