



TECHNICAL DATA SHEET

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RUSCOE PREMIUM BUTYL SEALANT

DESCRIPTION:

Ruscoec Premium Quality Butyl Sealant is a one-part, solvent release butyl based sealant designed to provide excellent weathering properties. This is an excellent exterior butyl compound formulated for applications requiring long life. It will adhere to a variety of substrates such as masonry, glass, metal, concrete, wood and some plastics. It also adheres well to many various roofing membranes.

PRODUCT BENEFITS:

- Easy to apply and non-stringing
- Remains permanently flexible and will not crack
- Non-staining – with no discoloration
- Adheres to a variety of surfaces without primer

Available in either White or Gray in 10.3 fl.oz. cartridges, 5-gallon pails, or 55-gallon drums.

TECHNICAL DATA:

Viscosity (Spindle T-F @ 2.5 rpm)	450,000 – 550,000 cps million cps
VOC Content (via EPA method 24)	106 grams/liter
Shore A Hardness	30-35
Tensile Strength	125 psi
Boeing Flow(ASTM D2202)	Nil
Specific Gravity(ASTM D1475)	1.20-1.25
Complete Cure	7-10 days at 72°F
Bubble Formation 48 Hours at standard conditions followed by 72 hours at 122°F	No Bubbles Formed
Tenacity 24 hours at standard conditions followed by 16 hours at 158°F 8 hours at -10°F with 180° bend on ¼ “ mandrell	Pass
Vehicle Migration *180°F for 14 days	Pass
Adhesion(ASTM C794)	Excellent
Service Temperature	-20°F to 180°F
Non-Staining	Non-Staining when used as recommended
Water Resistance (AAMA 808)	No Voids, cracks, separation, or break

APPLICATION PROCEDURES:

All surfaces must be clean, dry and free of all loose materials. Apply with a standard caulking gun. Cut the nozzle to desired bead size and puncture the inner seal. Apply at a 45% angle using constant pressure. For ease of gunning, use at room temperature. Tool or join surfaces for sealing before material skins. Support tooled or joined surfaces for 8 hours minimum. Use Mineral Spirits or VM&P Naphtha to remove excess material before skin forms. Clean up with VM&P Naphtha or Mineral Spirits.

STANDARDS:

Certification to AAMA 808.3-05
ASTM C 1311 (+/- 7.5% joint movement)
Federal Specifications TT-S-001657 Type I and TT-C-1796A

LIMITATIONS:

All surfaces to be sealed or bonded must be clean and dry and free from contaminants. Primer may be required for certain surfaces.

Ruscoe Premium Butyl Sealant is not recommended for use in window glazing applications or hidden joint details, which require a non-skinning, non-hardening sealant.

HEALTH & SAFETY:

Users must follow individual product data sheet and Material Safety Data Sheets (M.S.D.S.) for health and safety precautions. Always use protective eyewear.

Before use review Material Safety Data Sheet for Health & Safety information.

All statements, technical information and recommendations contained herein are based on tests believed to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties expressed or implied.

Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of, or the inability to use the product. Before using, user shall determine the suitability of the product for their intended use and user assumes all risk and liability whatsoever in connection therewith.

The foregoing may not be changed except by an agreement signed by officers of seller or manufacturer.