

## ElastiSeal® B-100

### Butyl Rubber Sealant

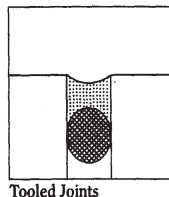
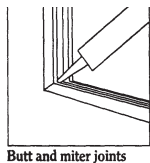
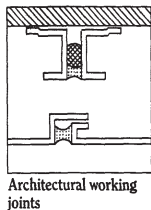
#### Description

**ElastiSeal® B-100** Butyl Rubber 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® B-100** Butyl Rubber Sealant is an excellent choice for exterior sealing applications and is compatible with an array of substrates such as glass, metals, concrete, wood, masonry and some plastics.

#### Basic Use

**ElastiSeal® B-100** is used in architectural working joints, butt and miter joints, and tooled joints.



#### Features

- Excellent adhesion - adheres to a variety of surfaces without primer
- Permanently flexible
- Non-stringing formula is easy to apply
- Non-staining formula does not discolor surfaces

Technical Data		
Property	Typical Value	Test Method
Specific Gravity	1.3	ASTM D1475
Press-Flow Viscosity	3 seconds/gram max. @ 40 psi	ASTM D2452 (modified)
Sag or Flow	0.15" maximum	ASTM D2202
Tack Free Time	2 Hours	ASTM D2377
Solids Content	80% minimum	ASTM C681
VOC Content	250 g/L	ASTM D3960
Shrinkage	20% Maximum	ASTM D2453
Method of Cure	Solvent Release. Cured in 21 days.	ASTM D2377
Stain Index	#3 maximum	ASTM D2203
Flash Point	40°C (105°F)	ASTM D56
Application Properties		
Service Temperature	-29°C to 93°C (-20°F to 200°F)	ASTM D3359
Application Temperature	4°C to 49°C (40°F to 120°F)	ASTM C603
Storage	18°C to 48°C (65°F to 110°F)	ASTM D1337
Shelf Life	1 year	ASTM D1337
<b>NOTE:</b> The foregoing information is published as general information only. The listed properties and performance characteristics are approximate values and are not to be interpreted as manufacturing specifications.		

#### Applicable Standards

- AAMA 808.3-05 Exterior Perimeter Sealing
- USDA Certified
- ASTM C 1311-Solvent Release Sealants in Building Construction, max joint movement of  $\pm 7.5\%$
- 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

#### Availability/ Cost

Availability and cost can be obtained from your local Royal representative or Royal Adhesives & Sealants distributor.

## Limitations

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

**ElastiSeal® B-100** is not recommended for use in window glazing applications or hidden joint details, which require a non-skinning, non-hardening sealant.

## Packaging

- 11 fluid ounce cartridge
- Five gallon Pail
- 55 gallon Drum

## Available Colors

- Black
- Bronze
- Gray
- White

## Application Instructions

1. All Surfaces must be clean and dry.
2. Apply with standard caulking gun.
3. Cut nozzle to desired bead size. Puncture inner seal
4. Apply at a 45 angle using constant pressure.
5. Use at room temperature for ease of gunning.
6. Tool or join surfaces for sealing before material skins.
7. Support tooled or joined surfaces for 8 hours minimum.
8. Use VM&P Naphtha or Mineral Spirits to remove excess material before skin forms.

## Clean Up

With VM&P Naphtha or Mineral Spirits

## Health and Safety

Prior to working with this or any product consult product label and Safety Data Sheet (SDS) for necessary health and safety precautions.

**WARRANTY:** Royal warrants its products to conform to Royal's specifications at the time of sale when tested according to Royal standards. If a product is proven to be defective when tested according to Royal standards, Royal will, at its option, refund the purchase price or replace or repair the defective product. THIS LIMITED WARRANTY IS THE BUYERS SOLE AND EXCLUSIVE REMEDY AGAINST ROYAL AND IS IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. In no event shall Royal be liable for any special, incidental, consequential, or punitive damages arising out of any claims whether based on negligence, contract, warranty, strict liability or otherwise.