

## BOSS® 122 RTV Silicone Sealant

### TYPICAL PROPERTIES

#### Uncured

Specific Gravity .....	0.97±2
Colors .....	Clear, White, Black
Sag/Slump .....	NIL
Tack-Free Time .....	10-15 min
Cure Time at 75°F (24°C) and 50% RH (3/8" thickness) .....	24 hours
Extrusion Rate .....	275 g/min

#### Cured – Physical

Elongation .....	>400%
Durometer Hardness, Shore A, points .....	17
Tensile Strength, Mpa .....	1.8
Dynamic Movement Capability Cycled at 1/8" hr., 1/8min. % .....	± 25

\*Primers may be required for certain substrates  
\*Information on this data sheet is subject to change without notice and should not be  
used for writing specifications.  
For additional information on specific applications, contact Accumetric, LLC

### LIMITATIONS:

- Not to be used in aquariums.
- Do not use for structural glazing.
- Not recommended for use in below ground joints or where abrasion and physical abuse are encountered.
- Do not apply to surfaces that require painting or to masonry substrates such as concrete, marble, limestone, and brick.

### HOW TO USE

Make sure the joint design is correct. Proper joint design minimizes stresses on the sealant.

Clean the joint surface on both new and old jobs. Surfaces must be clean, dry, and sound. Since new material is often covered with a protective film, solvent-wash all surface materials with a wet brush and an oil-free solvent.

Use masking tape where bead lines of exact shapes are required. Masking tape should be removed immediately after a bead is completed before a skin begins to form.

Apply sealant to dry, clean surfaces. An air-operated or hand-operated cartridge gun may be used. Do not break cartridge seal until just before use. Surfaces in this instance should be dried before the sealant is applied. Uncured sealant may be cleaned from tools using commercial solvent.

Tool joint, if necessary, and remove masking tape. Tooling should be completed in one continuous stroke. Tool immediately after sealant is applied and before a skin begins to form. Do not use soap or oil as a tool aid. Remove masking tape immediately after tooling is completed.

### DESCRIPTION

BOSS® 122 RTV Silicone Sealant is an one part acetoxy cure adhesive sealant that is suitable for general construction sealing and adhesive applications. This product will adhere to clean metal, glass, many types of wood, silicone resins, vulcanized silicone rubber, ceramics and plastic surfaces. A primer may be required for optimum adhesion to some substrates. Cured sealant stays rubbery from -60°F to 400°F.

BOSS® 122 RTV silicone sealants ideally suited for sealing , glass windows, shopfront, aluminium joints, showcases, bus body building and automobiles.

### BENEFITS:

- Ease of use, one-part sealant, no mixing required.
- Good weatherability – virtually unaffected by sunlight, rain, ozone, and temperature extremes.
- Long life reliability, cured sealant stays rubbery from -25 to 110°C without tearing, cracking, drying out, or becoming brittle.
- Wide temperature gunnability can be applied in any season.

## STORAGE AND SHELF LIFE:

When stored in original unopened containers at or below 27°C, **BOSS® 122 SILICONE SEALANT** has a shelf life of 12 months from date of manufacture. Containers should always be sealed when not in use and stored away from direct sunlight and weather. Rotation of stock is an absolute necessity. Cartons should always be stacked upright with the nozzle tip pointed upwards. **DO NOT** stack cartons on their side. **NEVER** stack cartons more than 8 high. **DO NOT** store within 1 meter (4 feet) of roofline of the warehouse or storage building.

## CAUTION:

**DIRECT CONTACT OF UNCURED SEALANT IRRITATES EYES AND MAY IRRITATE SKIN. OVEREXPOSURE TO VAPOR MAY IRRITATE EYES, NOSE, AND THROAT.** Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with sealant on hands. **IN CASE OF EYE CONTACT**, flush eyes with water for 15 minutes. Obtain medical attention. **IN CASE OF SKIN CONTACT**, remove from skin and flush with water. Sealant releases acetic acid (vinegar-like odor) during cure. **KEEP OUT OF THE REACH OF CHILDREN.**

## PACKAGING

**BOSS® 122 Silicone Sealant** is available in 280ml standard caulking cartridges. Other sizes available upon request.

## SHIPPING LIMITATIONS

None.

## USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

The supplier warrants only that its products will meet its specifications. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. The user's exclusive remedy and the supplier's sole liability is limited to refund of the purchase price or replacement of any product shown to be otherwise than as warranted. The supplier will not be liable for incidental or consequential damages of any kind. Suggestions of uses should not be taken as inducements to infringe any patents.

## **BOSS® PRODUCTS**

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