

### BOSS® 342 Fast Curing High Modulus Polyurethane Adhesive/Sealant

#### TYPICAL PROPERTIES

Colors ..... White, Gray

#### Uncured

VOC's (carb compliant) ..... < 4%

Skin Time @ 70°F and 50% RH, ASTM C679, minutes ..... 40

Cure Rate @ 70°F and 50% RH ..... 3/16 in. per 24 hours

Flow, Sag or Slump ..... Nil

#### Cured

Hardness, Shore A, ASTM C661 ..... 50

Tensile Strength, ASTM D2370, psi ..... 199

Elongation, ASTM D412, % ..... 700

Peel, ASTM C794, pli ..... >25

Elastic Modulus, psi at 100% Elongation ..... 116

Joint Movement, % ..... ±25

Temperature Range ..... -40°F to 195°F (-40°C to 90°C)

Shelf Life, months ..... 12

\*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



#### DESCRIPTION

**BOSS® 342** Fast Curing Polyurethane Adhesive/Sealant is a single component, moisture curing sealant that cures to a tough, flexible rubber. **BOSS® 342** has been specially formulated with a short skin formation time of 40 minutes and a high curing speed. **BOSS® 342** Fast Curing Polyurethane provides a strong, durable, weather resistant bond to most building substrates.

#### SPECIFICATIONS

**BOSS® 342** Fast Curing Polyurethane Adhesive/Sealant meets or exceeds the following: TT-S-00230C (Type II) Class A, ASTM C-920 Type S, Grade NS, Class 25, Use-NT, A, M and G.

#### FEATURES

- Fast curing formulation
- Primerless adhesion to most building materials
- Non-sag formulation
- Excellent weatherability
- Paintable
- Cures to a tough, flexible rubber
- Tools easily

## HOW TO USE

### **Material Preparation**

For successful bonding and sealing, substrates must be free of excess dust, dirt, moisture and oils. Clean substrate with a degreasing solvent. In some instances, slight abrasion of the substrate surface may be necessary to ensure proper adhesion.

### **Application**

Maximum joint width should not exceed 1-1/4" and should be no deeper than 3/8". For greater depth use a foam backer rod to within 3/8" of desired surface level.

Sealant should be applied by "pushing" the bead ahead of nozzle forcing the sealant into the joint ensuring adequate contact with all joint surfaces.

Tooling of material needs to be completed within 20 minutes of application. Excess sealant should be removed with a clean dry cloth within the tooling time while still uncured.

If joint has been masked, masking material should be removed immediately after sealant application as cured sealant is difficult to remove.

## PACKAGING

**BOSS® 342** Fast Curing Polyurethane Adhesive/Sealant is available in standard 10.3 fl. oz. fiber foil cartridges, 4.5 gallon pails and 55 gallon drums. Other sizes available upon request.

## STORAGE AND SHELF LIFE

When stored in original unopened container at or below 80°F, **BOSS® 342** Fast Curing Polyurethane Adhesive/Sealant has a shelf life of 9 months from date of shipment. Containers should always be kept sealed when not in use.

## CAUTION

Flammable — contains Xylene. Keep away from heat, sparks and open flame. Use with adequate ventilation. Avoid prolonged breathing of direct concentrated vapor. When applying, use ordinary sanitary precautions. Do not take internally. If swallowed do not induce vomiting. Call a physician. Keep container closed when not in use. Store in cool place.

### **KEEP OUT OF REACH OF CHILDREN FOR INDUSTRIAL USE ONLY**

California Prop 65 Listed Chemicals: None  
<4% Carb Compliant

## 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 users exclusive remedy and the suppliers 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.

MADE IN U.S.A.

# BOSS® PRODUCTS

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