

## BOSS<sup>®</sup> 175 Multi-Seal<sup>®</sup> Adhesive • Sealant

### TYPICAL PROPERTIES

#### Uncured

Appearance .....	Smooth
Color .....	White
Specific Gravity .....	1.5
Sag/Slump .....	Nil
Extrusion Rate .....	250 g/min.
Tack Free Time at 75°F (24°C) and 50% RH .....	30 min.
VOC .....	10 g/L

#### Cured-Physical

Durometer, Shore A Hardness .....	50 points
Ultimate Tensile Strength .....	300 psi
Elongation .....	200%
Modulus .....	250 psi
Solid .....	98%
Service Temperature .....	-40°F to 200°F
Application Temperature .....	-35°F to 140°F

\*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



### DESCRIPTION

BOSS<sup>®</sup> 175 Multi-Seal<sup>®</sup> Adhesive/Sealant is a multi-purpose, one part high strength adhesive/sealant, formulated with USP<sup>™</sup> Technology. This unique adhesive/sealant is free from solvents, and isocyanates. It cures on exposure to atmospheric moisture to form a highly durable flexible bond.

BOSS<sup>®</sup> 175 Multi-Seal<sup>®</sup> offers outstanding adhesion to most common building materials including vinyl, aluminum, steel, concrete, wood, glass and many plastics. Suitable for floor joints, low movement wall joints, kitchen and bath areas, sheet metal fabrication and mirrors. It can be applied and tooled under most weather conditions. This adhesive is paintable with most latex base paints\*.

\*Test small area for compatibility before painting

### FEATURES

- VOC Compliant in all 50 states
- Qualifies for LEED Credits
- Ease of use, one-part adhesive, no mixing required
- Outstanding bond strength on most surfaces
- Primerless adhesion on most damp & non-porous surfaces
- Good weatherability-virtually unaffected by sunlight, rain, snow, ozone, and temperature extremes
- Good UV resistance and color stability
- Non-yellowing and non-staining
- Non-streaking
- Non-corrosive
- Low odor
- Non-flammable
- Free from solvents and isocyanates
- Paintable with most latex base paints\*
- Packaged in all weather plastic cartridges

## SPECIFICATIONS

**BOSS® 175 Multi-Seal®** meets TT-S-000230C, Type II, Class A; ASTM C920, Type S, Grade NS, Class 25, Use G-glass, M-mortar, A-aluminum and O-other; CAN/CGSB 19.13-M87.

## HOW TO USE

**BOSS® 175 Multi-Seal® Adhesive/Sealant** is supplied ready to use. Under pressure it flows readily from its container. The paste-like consistency makes it easy to work. A spatula or wooden paddle can be used for tooling the surface.

Tooling is not practical after this skin begins forming and should be completed within three to six minutes of application, even though this may require alternate periods of applying and tooling. Likewise, if masking tape has been used to mark off an area, it should be removed before the tack-free skin forms.

## CLEAN UP

Uncured sealant can be easily removed using a solvent such as alcohol or acetone. For an environmental and health friendlier choice use **BOSS® Biggie Wipes**. If the sealant is cured it must be removed mechanically by cutting and scraping.

## PACKAGING

**BOSS® 175 Multi-Seal® Adhesive/Sealant** is available in standard caulking cartridges. Other sizes available upon request.

## SHIPPING LIMITATIONS

None.

Reactive VOC 10 g/l (<1% wt)

## LIMITATIONS

- Do not use for structural glazing
- Do not use as a window glazing sealant
- Not recommended for use on PE, PP or PTFE (Teflon) due to poor adhesion to these substrates
- Not recommended for applications below the water line, continuous immersion or for sealing/bonding windshields
- Poor resistance to solvents, concentrated acids & chlorinated hydrocarbons
- It is the sole responsibility of the user to test the adhesion to the substrate for suitability

## STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 175 Multi-Seal® Adhesive/Sealant** has a shelf life of 9 months from date of shipment. In Countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. 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. KEEP OUT OF THE REACH OF CHILDREN. For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

## 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.

**Non-warranty:** Because the storage, handling and application of the material is beyond Accumetric's control, we can accept no liability for the results obtained. Accumetric's sole limited warranty is the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. Accumetric will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted.

Suggestions of uses should not be taken as inducements to infringe any patents.

MADE IN U.S.A.

**BOSS® PRODUCTS**

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