

BOSS®

PRODUCT INFORMATION

BOSS® 389 Weather Seal Silicone Sealant

TYPICAL PROPERTIES

Uncured

Specific Gravity	1.40
Colors	Black, Grey and White
Sag/Slump	NIL
Tack-Free Time	> 90min
Cure Time at 75°F (24°C) and 50% RH	
(3/8" thickness)	24 hours
Full Cure time.....	7- 10 days
Tooling time	25-30 min
Extrusion Rate	275 g/min

Cured – Physical

Elongation	375%
Durometer Hardness, Shore A, points	25
Tensile Strength, psi	195
Dynamic Movement Capability	
Cycled at 1/8" hr., 1/8min. %.....	± 30

*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® 389 Weather Seal Silicone Sealant is an one part neutral cure, medium modulus, low odor, construction grade sealant that offers excellent adhesion, weatherability and compatibility with wide variety of materials. **BOSS® 389** is ideally suited for weather proofing, waterproofing, sealing, expansion & control joints and general purpose glazing.

BOSS® 389 has excellent adhesion to glass, glazed surfaces, galvanized steel, anodized aluminum, concrete, cement, wood, ceramics, painted surface and many plastics.

SPECIFICATIONS

BOSS® 389 weather seal silicone sealant fully meets or exceeds the requirements of the following specifications:

- ▶ **ASTM C920-86,**
- ▶ **TT-S-001543A and**
- ▶ **TT-S-00230C.**

FEATURES

- ▶ **One Part , no mixing required**
- ▶ **Easy to apply**
- ▶ **Excellent adhesion to most common building materials**
- ▶ **Low Odor**
- ▶ **Non-Corrosive to metal**
- ▶ **Permanently Flexible**
- ▶ **Weatherproofs/Waterproofs**
- ▶ **UV resistant**

HOW TO USE

Applying the Material – Tack-Free Time

BOSS® 389 weather seal silicone 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. The cure progresses inward from the surface.

At conditions of at least 75°F (24°C) and 50 percent relative humidity, the sealant forms a tack-free skin in 25-30 minutes. Tooling is not practical after this skin begins forming, and should be completed within 25-30 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.

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 REACH OF CHILDREN.

STORAGE AND SHELF LIFE

When stored in original unopened container at or below 80°F (27°C), **BOSS® 389** has a shelf life of 12 months from date of shipment. In countries where high heat and humidity are a factor, special precautions should be taken to store product in a covered, well-ventilated warehouse.

Rotation of stock is also required in these harsh environments to reduce the risk of premature curing of the product. Containers should always be sealed when not in use. After a container has been opened and the entire contents have not been used, extrude 3/8" of material past nozzle opening. When ready to use, pull out cured plug. Sealant is ready to use.

LIMITATIONS

- ▶ Not for use in areas of constant water immersion
- ▶ Not for traffic areas or areas subject to abrasion
- ▶ Not for bathrooms where mildew resistance is required
- ▶ Not paintable

PACKAGING

BOSS®389 Weather Seal Silicone Sealant is available in 300ml cartridges, 590 ml Sausages. Other sizes available on request

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

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