

BOSS® 318 Fast Cure Neutral Silicone

TYPICAL PROPERTIES

Uncured

Specific Gravity - Colors	1.02
Clear	1.16
Sag/Slump	Nil
Tack Free Time	5 min.
Cure Time @75°F (24°C) and 50% RH (3/8" thickness)	24 Hours
Extrusion Rate	275 g/min.

Cured-Physical

Durometer, shore A	15 points
Tensile strength	185 psi
Elongation	1100%

*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® 318 Fast Cure Neutral Silicone was designed as a primary backbedding compound for the manufacture of new construction and replacement vinyl windows. It is a low odor, silicone adhesive sealant which cures in the presence of atmospheric moisture to provide a rubbery seal.

FEATURES

- **Low modulus**
- **Fast curing**
- **Excellent adhesion to vinyl, wood, steel and aluminum**
- **Superior backbedding sealant as well as cap, toe or heel beads for doors or windows**
- **Available in cartridges or drums for use in bulk dispensing systems**

HOW TO USE

Applying the Material: Tack-Free Time

BOSS® 318 Fast Cure Neutral Silicone 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% relative humidity, the sealant forms a tack-free skin within 2-4 minutes. Tooling is not practical after this skin begins forming and should be completed within 5 minutes of application, even though this may require alternate periods of applying and tooling. Likewise, if masking tape has been used to mark off the area, it should be removed before the tack-free skin forms.

SPECIFICATIONS

BOSS® 318 Fast Cure Neutral Silicone meets or exceeds the requirements of the following specifications: ASTM C920-86, TT-S-001543A (COM-NBS), TT-S-00230C (COM-NBS), AAMA 802.3-92, AAMA 803.3-92, AAMA 805.2-92.

COLORS

BOSS® 318 Fast Cure Neutral Silicone is available in clear, white, and blue white.

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.

PACKAGING

BOSS® 318 Fast Cure Neutral Silicone is available in 10.1 fl. oz. cartridges, 5 gallon pails and 55 gallon drums. Other sizes available upon request.

SHIPPING LIMITATIONS

None.

STORAGE AND SHELF LIFE

When stored in original unopened container at or below 80°F (27°C), **BOSS® 318** 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.

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.

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