

BOSS® Expansion Joint Sealant

TYPICAL PROPERTIES

Uncured

Consistency	Flowable Thick Liquid
Viscosity, (cps)	100,000
Specific Gravity	1.17
Tack Free Time, minutes	30

Cured – Mechanical

Hardness, Shore A	23
Tensile Strength, psi	150
Elongation, %	300

*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® Expansion Joint Sealant is a free flowing, self-leveling, one component material. Its flowable characteristics allow it to fill in joints and cracks to make a smooth and permanent seal. Supplied ready-to-use, this material cures at room temperature to a tough, rubbery solid. It adheres well to most common construction substrates including concrete, wood, vinyl, glass and various plastics. **BOSS®** Expansion Joint Sealant resists weathering, moisture, vibration, ozone, thermal expansion and temperature extremes. Stays flexible from -85°F to 400°F (-65°C to 204°C).

USES

- Pool decking
- Patios
- Driveways

SPECIAL FEATURES

- One component
- Free flowing
- Self-Leveling
- Good adhesion to a wide variety of substrates
- VOC compliant

HOW TO USE

BOSS® Expansion Joint Sealant is easy to use. It guns easily from its container and cures upon contact with the moisture in the air to form a tough, flexible silicone rubber.

Cure Time

BOSS® Expansion Joint Sealant begins to cure upon exposure to moisture in the air. The cure progresses inward from the surface. At 75°F (24°C) and 50% relative humidity, sealant forms a tack-free skin within an hour.

Material beneath the tack-free skin continues to cure and, in about 24 hours at room temperature, sections 1/8" thick or less cure to a rubber with a Shore A durometer hardness of about 23.

Cure time is extended as the thickness of the rubber increases. A 1/2" cross section, for example, may require 3 or 4 days for complete cure. However, the outer 1/8" will cure in about 24 hours.

In applications where **BOSS®** Expansion Joint Sealant may be partly or totally confined during cure, the time required for proper cure is generally lengthened by the degree of confinement. It is possible, with absolute confinement, that cure will not be completed. Every application involving confinement during cure should be thoroughly tested before commercialization.

PACKAGING

BOSS® Expansion Joint Sealant is available in 29 fl. oz. cartridges and 4.5 gallon pails. Other sizes available upon request.

SHIPPING LIMITATIONS

None

COLORS

BOSS® Expansion Joint Sealant is available in tan and gray. Other colors available upon request.

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS®** Expansion Joint Sealant has a shelf life of 12 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. KEEP OUT OF THE REACH OF CHILDREN.

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.

MADE IN U.S.A.

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