

Expansion

TYPICAL PROPERTIES

Uncured	
Chemistry	Oxime
Viscosity (cps)	110,000
Specific Gravity	1.17
Tack-Free Time	30 minutes
Application Temperature	-35°F to 140°F
Cured - Physicals	
Hardness, Shore A	23 points
Tensile Strength	150 psi
Elongation	300%
Service Temperature	-40°F to 325°F
TESTS	
Adhesion-in-Peel	
Poplar	20
Oak	20
Pine	20
Concrete	15

DESCRIPTION

BOSS® 822 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® 822** 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).

FEATURES

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

HOW TO USE

BOSS® 822 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® 822 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.

Continued...



APPLICATIONS

- Pool decking
- Patios
- Driveways
- MANY MORE...

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BOSS® 822 Joint Sealant



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PRO

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® 822** 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.

CLEAN UP

Uncured sealant can be easily removed using water or BOSS® Biggie Wipes. If the sealant is cured it must be removed mechanically by cutting and scraping.

SPECIFICATIONS

- TT-S-001543A; TT-S 00230C
- ASTM C-920 Type S Grade P Class 25 Use T₂, NT, G, A, M, O

SHIPPING LIMITATIONS

None. | Reactive VOC 45 g/l (<5% wt.)

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. For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), **BOSS® 822** 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.

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.

TECHNICAL DATA SHEET

COLORS

- White
- Tan
- Grey
- Custom colors available upon request

PACKAGING

- 29 fl. oz. cartridges
- 4.5 gallon pails
- Other sizes available upon request

Limited Warranty: Buyer assumes all risks of use, handling and storage of product not in strict accordance with label directions. Liability for any incidental or consequential damage or loss is specifically excluded at all times. Any implied warranty of merchantability or fitness for particular use is excluded. Seller will not accept liability for more than product replacement.

Soudal

Soudal Accumetric

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