

# BEJS-On-A-Reel by Sika Emseal

*Silicone-coated, precompressed, primary seal for rapid installation into small joints*

## Features

- Pre-cured silicone primary seal
- Cost effective
- Shipped on 12-foot reels
- Easy to stock
- Smooth convex surface
- Rapid installation — new or retrofit
- Watertight
- Conforms to substrate irregularities
- Easily handles changes in plane and direction
- Traffic durable
- Easy to repair
- 100% free of wax compounds



## RECOMMENDED FOR:

- Width: 1/2", 3/4", 1" and 1 1/4" (12, 20, 25 and 30mm)
- Depth of Seal: 1 3/4" (45mm)

## MOVEMENT CAPABILITY:

Total 120% (+60% and -60%) of nominal supplied size

## COMPOSITION:

BEJS-On-A-Reel (BOR) combines a factory-applied and cured silicone bellows with a microsphere-modified acrylic-impregnated expanding foam sealant backing. BOR features Emseal's patented microsphere-modified acrylic impregnation infused into a cellular foam base material and is coated with a high-grade silicone coating that has been tested for durability under UV, water, and air pressure differential exposures typically experienced by modern structures.

## PERFORMANCE LIMITATIONS:

Substrates must be clean, parallel, plumb and capable of resisting approx. 2.5 psi backpressure from the foam.

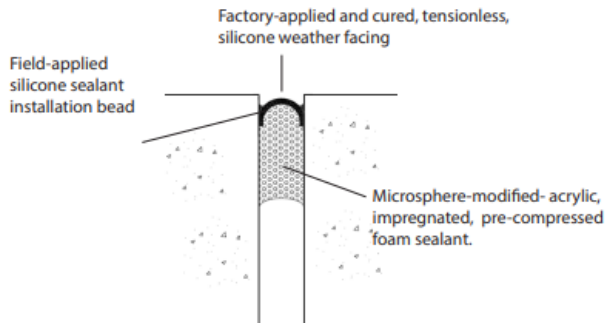
## DESCRIPTION:

BEJS-On-A-Reel from Sika Emseal is a cost-effective version of Emseal's industry-standard BEJS (Bridge Expansion Joint System) product shipped on a reel for rapid installation into small joints — 1/2 to 1 1/4-inches wide (12 – 30mm). It is supplied precompressed smaller than the joint gap.

BEJS-On-A-Reel is designed to replace traditional liquid sealant/ backer rod combinations which rely on the difficult to achieve "hour glass" shape. In addition BEJS-On-A-Reel can be installed at temperatures other than mean temperature and will function properly fully throughout the thermal cycle. It can also be used in place of backer rod in asphaltic plug configurations to provide a secondary watertight seal.

## BEJS-On-A-Reel

Factory-applied and cured, tensionless, silicone weather facing



HORIZONTAL-PLANE APPLICATION

### BEJS System Sizing

(see "Performance" for movement capabilities & limitations)

Product Code*	Nominal Material Size (Joint Size at Mean T°F)	Depth of Seal	Min. Joint (closes to)	Max Joint (opens to)
BOR-0050	1/2"	1 3/4"	1/4"	3/4"
BOR-0075	3/4"	1 3/4"	5/16"	1 1/4"
BOR-0100	1"	1 3/4"	3/8"	1 1/2"
BOR-0125	1 1/4"	1 3/4"	1/2"	2"

### INSTALLATION:

- NOTE: This is a summary installation sequence for illustration purposes only. See BEJS-On-A-Reel Install Data for complete instructions.
- Clean the joint faces
- Using the silicone sealant provided, gun a continuous installation bead of sealant 3/8" (10mm) back from the joint edges on each substrate.
- Unroll BEJS-On-A-Reel and remove release liner.
- Insert BOR into the joint pushing on the material so that it 'snakes' from side to side.
- Overcut each length by 3/8" (10mm). BOR will self-expand to fill the joint. The combination of the active backpressure, embedment into the silicone installation bead, and the pressure-sensitive nature of the acrylic impregnation ensures the attachment of the foam to the substrates.

### FOR BEST RESULTS:

- Periodically inspect the applied material and repair localized areas as needed. Consult a Watson Bowman Acme representative for additional information.
- Make certain the most current version of the product data sheet is being used. Please consult the website ([www.watsonbowmanacme.com](http://www.watsonbowmanacme.com)) or contact a customer service representative.

### RELATED DOCUMENTS:

- Material Safety Data Sheets
- BEJS Installation Procedure

### LIMITED WARRANTY:

Watson Bowman Acme Corp. warrants that this product conforms to its current applicable specifications. WATSON BOWMAN ACME CORP. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. The sole and exclusive remedy of Purchaser for any claim concerning this product, including, but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is the replacement of product or refund of the purchase price, at the sole option of Watson Bowman Acme Corp. Any claims concerning this product shall be submitted in writing within one year of the delivery date of this product to Purchaser and any claims not presented within that period are waived by Purchaser. IN NO EVENT SHALL WATSON BOWMAN ACME CORP. BE LIABLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDES LOSS OF PROFITS) OR PUNITIVE DAMAGES. Other warranties may be available when the product is installed by a factory trained installer. Contact your local Watson Bowman Acme representative for details. The data expressed herein is true and accurate to the best of our knowledge at the time published; it is, however, subject to change without notice.

## BEJS-On-A-Reel\_0225

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