



DESCRIPTION

SILSPEC® SSS Silicone Strip Seal has a 100% silicone profile that provides excellent UV protection and gives high movement capability.

- Fast and Easy Installation
- Versatile
- High Movement Capacity
- Durable
- Economical
- Repairable



FAST & EASY INSTALLATION

- Most SILSPEC® SSS installations can be completed between rush hours
- Contractor or maintenance crews can be easily trained to install SILSPEC SSS Silicone Strip Seal
- Required installation tools and equipment are readily available

VERSATILE

- SILSPEC® SSS is an excellent choice for new construction in a wide range of climates and engineering configurations
- SILSPEC® SSS can be used in new construction applications or retrofit bridge preservation applications



SILSPEC® SSS Silicone Strip Seal
Steel Armor Joint Detail

CONSTRUCTION NOTES:

GENERAL:
JOINT FACES SHALL BE SOUND, PLUMB, CLEAN (SANDBLAST) AND DRY.
PRIME JOINT FACES WITH DOW CORNING® PRIMER C-OS AND ALLOW TO DRY TO TOUCH.

SSS-150/SSS-225/SSS-400 PROFILE:
INSTALL BACKER ROD TO APPROPRIATE DEPTH TO ALLOW PROFILE TO RECESS A MINIMUM OF 1/2" BELOW ROAD SURFACE.

GUN A CONTINUOUS SETTING BEAD OF DOW CORNING® 995 ADHESIVE/SEALANT AT THE LUG DEPTH OF THE PROFILE.

FOLD AND INSERT THE CLEANED/ PREPARED PROFILE TO THE PROPER DEPTH AND ALLOW TO OPEN. BE SURE THE LOCKING LUGS ARE IN CONTACT WITH THE JOINT FACES AND PUSH THE LUGS INTO THE SETTING BEAD TO ENSURE CONTACT. CENTER THE TOP OF THE PROFILE A IN THE JOINT OPENING.

APPLY A CONTINUOUS LOCKING BEAD OF DOW CORNING® 995 ADHESIVE/SEALANT OVER THE LOCKING LUGS.

TOOL THE LOCKING BEAD TO ENSURE CONTACT WITH THE JOINT FACES AND PROFILE. THE BEAD SHOULD BE NO HIGHER THAN THE SERRATIONS IN THE PROFILE FACES.

ALLOW THE COMPLETED SEAL TO SIT 1 HOUR BEFORE OPENING THE JOINT TO TRAFFIC.

NOTE: FOR ADDED CORROSION RESISTANCE OF THE STEEL JOINT FACES, SILSPEC® PRIMER 2000 CAN BE SUBSTITUTED FOR DOW CORNING® PRIMER C-OS. SEE SILSPEC® PRIMER 2000 PRODUCT DATA SHEET FOR MIXING AND HANDLING INFORMATION.

SSS-150/SSS-225 PROFILE

SSS-400 PROFILE

SILSPEC® SSS SETTING CHART	
PROFILE SIZE:	
SSS-150	1-3/4" TO 2-1/2"
SSS-225	2-3/4" TO 3-1/2"
SSS-400	3-1/4" TO 4"

NOTE: SETTING DEPTHS VARY WITH JOINT OPENING WIDTH.

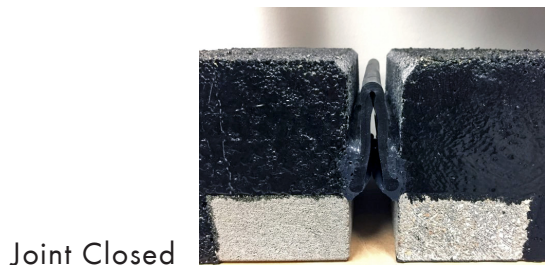
 Silicone Specialties, Inc. P.O. Box 50009 Tulsa OK 74150 (918)587-5567	SILSPEC® SSS Silicone Strip Seal	
	DATE: 10/22/2015	DRAWING# 1 OF 1
	PROJECT: Steel Armor Joint Detail	
	www.ssilcm.com	NOT TO SCALE

For a copy of our Standard Construction Details, please contact SSI.

HIGH MOVEMENT CAPACITY

- SSS-150: 1/2" minimum to 2" maximum joint opening movement
- SSS-225: 3/4" minimum to 3" maximum joint opening movement
- SSS-400: 1" minimum to 5" maximum joint opening movement
- SSS-500: 1 1/2" minimum to 6 1/2" maximum joint opening movement

During cyclic movement of the joint, the profile simply folds and unfolds, free of tension on the bond line. It's virtually free of tensile stresses in the silicone material.





SILSPEC® SSS Silicone Strip Seal
Concrete Joint Detail

CONSTRUCTION NOTES:

GENERAL:
JOINT FACES SHALL BE SOUND, PLUMB, CLEAN (SANDBLAST) AND DRY.
PRIME JOINT FACES WITH DOW CORNING® PRIMER P AND ALLOW TO DRY TO TOUCH.

SSS-150/SSS-225/SSS-400 PROFILE:

INSTALL BACKER ROD TO APPROPRIATE DEPTH TO ALLOW PROFILE TO RECESS A MINIMUM OF 1/2" BELOW ROAD SURFACE.

GUN A CONTINUOUS SETTING BEAD OF DOW CORNING® 995 ADHESIVE/SEALANT AT THE LUG DEPTH OF THE PROFILE.

FOLD AND INSERT THE CLEANED/ PREPARED PROFILE TO THE PROPER DEPTH AND ALLOW TO OPEN. BE SURE THE LOCKING LUGS ARE IN CONTACT WITH THE JOINT FACES AND PUSH THE LUGS INTO THE SETTING BEAD TO ENSURE CONTACT. CENTER THE TOP OF THE PROFILE IN THE JOINT OPENING.

APPLY A CONTINUOUS LOCKING BEAD OF DOW CORNING® 995 ADHESIVE/SEALANT OVER THE LOCKING LUGS.

TOOL THE LOCKING BEAD TO ENSURE CONTACT WITH THE JOINT FACES AND PROFILE. THE BEAD SHOULD BE NO HIGHER THAN THE SERRATIONS IN THE PROFILE FACES.

ALLOW THE COMPLETED SEAL TO SIT 1 HOUR BEFORE OPENING THE JOINT TO TRAFFIC.

SSS-150/SSS-225 PROFILE

SSS-400 PROFILE

SILSPEC® SSS SETTING CHART	
PROFILE SIZE:	
SSS-150	1-3/4" TO 2-1/2"
SSS-225	2-3/4" TO 3-1/2"
SSS-400	3-1/4" TO 4"
NOTE: SETTING DEPTHS VARY WITH JOINT OPENING WIDTH.	

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Tulsa OK 74150
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SILSPEC® SSS Silicone Strip Seal	
DATE: 10/22/2015	DRAWING# 1 OF 1
PROJECT: CONCRETE JOINT DETAIL	
www.ssilcm.com	NOT TO SCALE

For a copy of our Standard Construction Details, please contact SSi.

DURABLE

Durable in all climates, silicone seals can withstand extreme heat and cold temperatures.

ECONOMICAL

- Compared to other systems in use today, SILSPEC® SSS has lower installation costs
- With its ease of repair, SILSPEC® SSS has one of the lowest life-cycle costs of any joint repair system available

REPAIRABLE

- If a SILSPEC® SSS joint is damaged, only the damaged area needs to be replaced – unlike other systems which need total removal and replacement
- A SILSPEC® SSS joint replacement can be accomplished quickly and economically with maintenance personnel



AVAILABILITY

The SILSPEC® SSS Silicone Strip Seal is available through a network of distributors throughout the U.S. and Canada. For technical assistance, contact SSI or your authorized distributor.

COMPLETE SYSTEM CONTINUITY

The SILSPEC® SSS Silicone Strip Seal, when combined with our SILSPEC® Elastomeric Concretes, SILSPEC® 900PNS, and SILSPEC® 2000, forms a fast, economical option for joint construction, repairs, or replacement.

(800) 888-8909



ssicm.com

Warranty Limitations: SSI represents to the purchaser of this product from SSI (referred to as customer) that the information in this literature is an accurate description of the typical characteristics, properties, and uses of the product, if transported, stored, and applied in accordance with this literature and the referenced Material Safety Data Sheet. Unless SSI provides, before product installation, an express written warranty after receipt and evaluation of specific written project conditions and applicable scope documentation, SSI's exclusive warranty is that the product will conform to the sales representations stated, herein, and the current Material Safety Data Sheet. SSI expressly disclaims all other express or implied warranties, including without limitation warranties of merchantability and fitness for particular purpose. In no event shall SSI's liability for damages arising from the sale of this product the amount of purchase price received by SSI from customer for this product delivered to the project in question, or at SSI's sole option, SSI may replace the product or portion thereof that does not conform to the foregoing representation. SSI expressly excludes any liability for special or consequential damages.

Customer is solely responsible for evaluating job conditions and the suitability of described physical properties and characteristics of the product to meet specified or apparent project requirements and for application of the product in accordance with SSI's recommendations.

These representations are intended for reliance exclusively by the customer and are not intended to benefit any other person or entity. These exclusions, modifications, or limitations of warranties, including their effect on rights and remedies, that are effective against are also effective against subsequent purchasers, users, and third party beneficiaries of the sale of this product.

SSI undertakes no responsibility for storage, mixture, preparation of surfaces, application, use, or misuse of product or its conformity to specifications that are not previously and expressly acknowledged in writing by SSI.

To Purchase, Please Contact SSI at Any of the Following Locations:

Dallas, TX (972) 243-0676 ♦ Fort Worth, TX (682) 647-1881
Houston, TX (713) 460-8800 ♦ Austin, TX (512) 326-1156
San Antonio, TX (210) 930-6360 ♦ El Paso, TX (915) 591-6800
McAllen, TX (956) 782-1341 ♦ Springdale, AR (479) 365-8050

Baton Rouge, LA (225) 620-0950 ♦ New Orleans, LA (504) 539-3102
Kansas City, MO (816) 561-1617 ♦ St. Louis, MO (314) 410-6801
Oklahoma City, OK (405) 524-9525 ♦ Tulsa, OK (918) 587-5567

Thank You For Choosing SSI