



**ArmorSeal**  
**Heavy**  
**Duty Floor**  
**Coatings**

**ARMORSEAL®**  
**FLEXIBLE JOINT SEALANT**

**PART A**  
**PART B**

**B58AQ1**  
**B60VQ1**

**GRAY**  
**HARDENER**

Revised 9/09

**PRODUCT INFORMATION**

8.02

**PRODUCT DESCRIPTION**

**ARMORSEAL FLEXIBLE JOINT SEALANT** is a 2 component polymer hybrid containing both urethane and epoxy resins in order to provide a resilient filler for horizontal expansion joints. This chemistry allows excellent flexural strength and elongation while maintaining impressive tensile strength. It has good adhesive strength and flexibility over a wide temperature range.

**PRODUCT CHARACTERISTICS**

**Finish:** Low sheen  
**Color:** Gray  
**Volume Solids:** 100%, mixed  
**VOC (EPA Method 24):** <100 g/L; 0.83 lb/gal, mixed  
**Mix Ratio:** 1:1 by volume

**Recommended Spreading Rate per coat:**

Approximately 231 cu. in./gal, 77 lineal feet per gallon at 1/2" x 1/2"

**Drying Schedule:**

@ 72°F/22°C  
 50% RH

**To touch:** 4-6 hours  
**Moderate Service:** 24 hours  
**Full cure:** 5 days  
**Pot Life:** 45 minutes  
**Sweat-in-Time:** None required

**Shelf Life:** 12 months, unopened  
 Store indoors at 40°F (4.5°C) to 100°F (38°C)  
**Flash Point:** >200°F (93°C), PMCC, mixed  
**Reducer:** Not recommended  
**Clean Up:** Reducer #54, R7K54  
**Application Temperature:** Above 55°F (13°C)  
**Relative Humidity:** 90% maximum

**RECOMMENDED USES**

- A filler and sealer for narrow masonry control joints and grooves
- Helps prevent damage to the joint and its edges

**PERFORMANCE CHARACTERISTICS**

**Viscosity:**

Part A: 350 to 550 Poise  
 Part B: 200 to 350 Poise

**Service Temperature:**

Result: -40°F (-40°C) to 200°F (93°C)

**Tensile Elongation:**

Result: 80% @ Breaking Point @ 72°F (22°C)

**SURFACE PREPARATION**

Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Insert a backer rod into the joint leaving approximately 1" (2.54 cm) from the top of the backer rod to the top of the joint. To ensure adequate joint elasticity, the depth of the material should not exceed twice the width. Using tape, mask off the edges of the joint to prevent caulk from getting onto the surrounding surface.

**Surface Preparation Standards**

Condition of Surface	ISO 8501-1 BS7079:A1	Swedish Std. SIS055900	SSPC	NACE
White Metal	Sa 3	Sa 3	SP 5	1
Near White Metal	Sa 2.5	Sa 2.5	SP 10	2
Commercial Blast	Sa 2	Sa 2	SP 6	3
Brush-Off Blast	Sa 1	Sa 1	SP 7	4
Hand Tool Cleaning	C St 2	C St 2	SP 2	-
Pitted & Rusted	D St 2	D St 2	SP 2	-
Rusted	C St 3	C St 3	SP 3	-
Power Tool Cleaning	Pitted & Rusted	D St 3	D St 3	SP 3

**APPLICATION CONDITIONS**

The concrete surface should be at least 55°F (13°C) minimum during application. Pre-mix components separately. Power mix equal parts of Component A and Component B together until streak-free, using a metal mixing blade (Jiffy Model HS or equal). Pour mixture slowly into the joint allowing the material to settle. A second application may be necessary if material settles too much. Scrape joint level with floor using putty knife and remove tape. Allow 24 hours before opening to traffic.

**SAFETY PRECAUTIONS**

Refer to the MSDS sheet before use.

Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.

**ORDERING INFORMATION**

**Packaging:** 2 gallon (7.56L) kits  
**Weight:** 10.1 ± 0.2 lb ; 1.2 Kg/L, mixed



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## PRODUCT INFORMATION

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### ESTIMATION GUIDE

### LINEAL FEET PER GALLON

### EACH GALLON YIELDS APPROXIMATELY 231 CUBIC INCHES

		WIDTH OF JOINT						
		1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
DEPTH OF JOINT	1/4"	308	205	154	123	102	88	77
	3/8"		136	102	82	68	58	51
	1/2"			77	61	51	44	38
	5/8"				49	41	35	30
	3/4"					34	29	25
	7/8"						25	22
	1"							19

### DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

### WARRANTY

The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



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