



**INSTRUCTIONS FOR SIZE SELECTION**

**Step 1**  
Measure Joint Gap

**Step 2**  
Longest Joint-to-Joint Length  
A or B or C?

**Step 3**  
Measure Deck Temperature

BEJS SELECTION CHART*†					
Step 1	Step 2	Step 3 (Size of BEJS)			
JOINT GAP	Longest Length A or B or C	Deck Temperature at time of installation:			
		40-60	60-80	80-100	100-120
1" JOINT GAP	50	1" BEJS	1" BEJS	1" BEJS	1" BEJS
	100	1" BEJS	1" BEJS	Contact EMSEAL	2" BEJS
	150	Contact EMSEAL	Contact EMSEAL	Contact EMSEAL	2" BEJS
	200	Contact EMSEAL	Contact EMSEAL	Contact EMSEAL	2" BEJS
1.5" JOINT GAP	50	2" BEJS	2" BEJS	2" BEJS	2" BEJS
	100	2" BEJS	2" BEJS	2" BEJS	2" BEJS
	150	2" BEJS	2" BEJS	2" BEJS	2" BEJS
	200	Contact EMSEAL	2" BEJS	2" BEJS	3" BEJS
	250	Contact EMSEAL	Contact EMSEAL	Contact EMSEAL	3" BEJS
2" JOINT GAP	50	2" BEJS	2" BEJS	2" BEJS	2" BEJS
	100	2" BEJS	2" BEJS	2" BEJS	2" BEJS
	150	2" BEJS	2" BEJS	2" BEJS	3" BEJS
	200	2" BEJS	3" BEJS	3" BEJS	3" BEJS
	250	2" BEJS	3" BEJS	3" BEJS	3" BEJS
	300	Contact EMSEAL	Contact EMSEAL	3" BEJS	3" BEJS
	350	Contact EMSEAL	Contact EMSEAL	3" BEJS	Contact EMSEAL
2.5" JOINT GAP	50	2" BEJS	2" BEJS	2" BEJS	2" BEJS
	100	2" BEJS	3" BEJS	3" BEJS	3" BEJS
	150	2" BEJS	3" BEJS	3" BEJS	3" BEJS
	200	3" BEJS	3" BEJS	3" BEJS	3" BEJS
	250	3" BEJS	3" BEJS	3" BEJS	4" BEJS
	300	3" BEJS	3" BEJS	4" BEJS	4" BEJS
	350	Contact EMSEAL	Contact EMSEAL	4" BEJS	4" BEJS
	400	Contact EMSEAL	Contact EMSEAL	Contact EMSEAL	4" BEJS
3" JOINT GAP	50	3" BEJS	3" BEJS	3" BEJS	3" BEJS
	100	3" BEJS	3" BEJS	3" BEJS	3" BEJS
	150	3" BEJS	3" BEJS	3" BEJS	3" BEJS
	200	3" BEJS	3" BEJS	3" BEJS	4" BEJS
	250	3" BEJS	3" BEJS	4" BEJS	4" BEJS
	300	3" BEJS	4" BEJS	4" BEJS	4" BEJS
	350	3" BEJS	4" BEJS	4" BEJS	4" BEJS
400	Contact EMSEAL	Contact EMSEAL	4" BEJS	Contact EMSEAL	
3.5" JOINT GAP	50	3" BEJS	3" BEJS	3" BEJS	3" BEJS
	100	3" BEJS	3" BEJS	3" BEJS	3" BEJS
	150	3" BEJS	3" BEJS	3" BEJS	4" BEJS
	200	3" BEJS	4" BEJS	4" BEJS	4" BEJS
	250	4" BEJS	4" BEJS	4" BEJS	4" BEJS
	300	4" BEJS	4" BEJS	4" BEJS	4" BEJS
	350	4" BEJS	4" BEJS	4" BEJS	Contact EMSEAL
400	Contact EMSEAL	4" BEJS	4" BEJS	Contact EMSEAL	
4" JOINT GAP	50	4" BEJS	4" BEJS	4" BEJS	4" BEJS
	100	4" BEJS	4" BEJS	4" BEJS	4" BEJS
	150	4" BEJS	4" BEJS	4" BEJS	4" BEJS
	200	4" BEJS	4" BEJS	4" BEJS	Contact EMSEAL
	250	4" BEJS	4" BEJS	4" BEJS	Contact EMSEAL
	300	4" BEJS	4" BEJS	Contact EMSEAL	Contact EMSEAL
	350	4" BEJS	4" BEJS	Contact EMSEAL	Contact EMSEAL
400	4" BEJS	Contact EMSEAL	Contact EMSEAL	Contact EMSEAL	

†Engineer of record shall confirm BEJS size

Movement Capability of BEJS by Size is:		
BEJS Size:	Closes to:	Opens to:
1"	1/2"	1 1/2"
2"	1"	3"
3"	1 1/2"	4 1/2"
4"	2"	6"

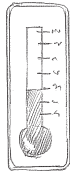
\*Chart is based on the assumption that the bearings are in the typical fixed and then moving sequence.

For structures with joint gap sizes and span lengths not listed here, please contact EMSEAL for assistance. EMSEAL Bridge and Highway Department: 508-836-0280.

# EMSEAL BEJS Installation Tips

## ~ Installation Conditions ~

40° or Higher



No Rain

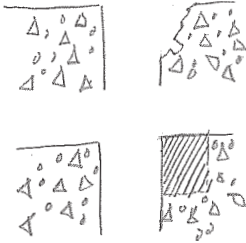


Use Sizing Chart



## ~ Prep Surfaces ~

Repair Spalls



Sandblast

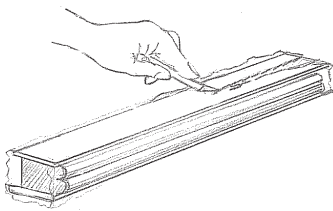


Wipe Surfaces

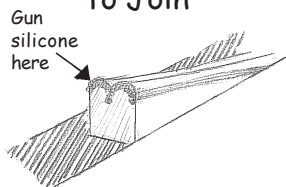


## ~ Don't Forget To ~

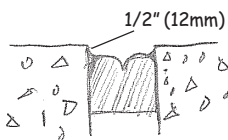
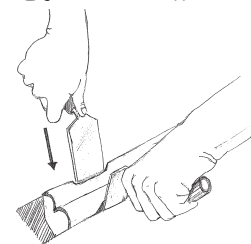
Cut on Hardboard



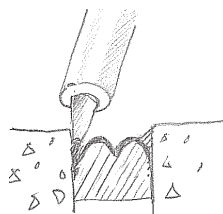
Leave End Up  
to Join



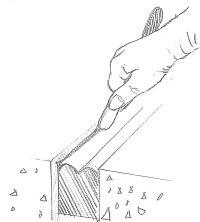
If expanded use 2 trowels to  
fit BEJS into smaller gap



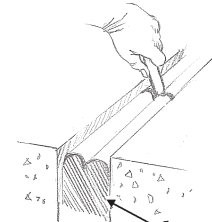
Recess 1/2-inch



Inject 3/4-inch  
Band of Silicone



Tool Band



Tool Seam



See Complete Installation Sequence and Instructions  
in Shipping Box Supplied with Materials.