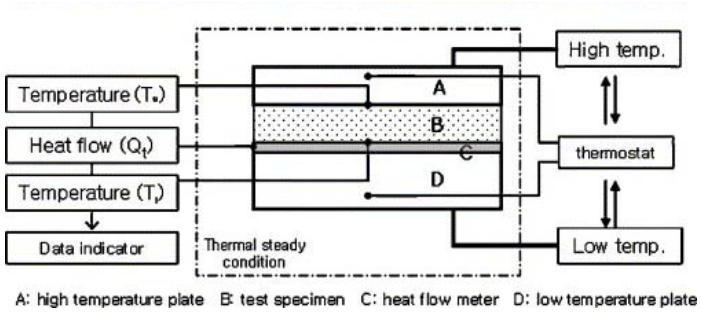
TECHNICAL BULLETIN 122

Subject: R-value of Acrylic Impregnated Foam Expansion Joint Seals

R-value measures resistance to heat flow. The American Society of Testing and Materials (ASTM) C 518-04, (Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus) provides a rapid means of determining the steady-state thermal transmission properties of thermal insulations and other materials with a high level of accuracy.

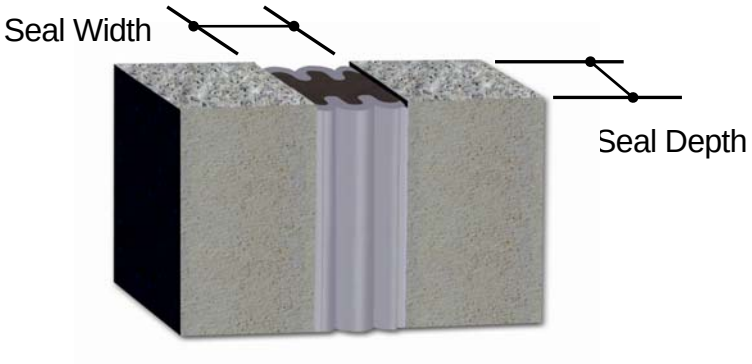
The R-value of MM Systems Impregnated Foam Seals is 2.15 per inch of seal depth.



A: high temperature plate B: test specimen C: heat flow meter D: low temperature plate

Seal Width (Inches)	Seal Width (mm)	Seal Depth (Inches)	Seal Depth (mm)	R-Value
0.50 to 0.75	13 to 19	1.50	38	3.23
1.00 to 2.50	25 to 64	2.00	51	4.30
2.75 to 3.50	70 to 89	3.00	76	6.45
3.75 to 6.00	96 to 152	4.00	102	8.60
6.25 to 8.00	178 to 203	5.00	127	10.75

The table above reflects values for the following foam seal types: EIC, EIF, EIH, EIV, and SIF Series.



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