



R-Value At Various Thicknesses

R-value is cumulative, that is if you add boards together, you simply add the R-value. Two 25mm boards gives the same R-value as one 50mm or, you can add boards to give a desired R-value. 40mm (R1.42) and 50mm (R1.78) gives an R3.2, so you don't need 100mm to achieve R3.

25mm-R.89
30mm-R1.07
40mm-R1.42
50mm-R1.78
50mm (With Foil) - R2.0
60mm-R2.14
75mm-R2.67
100mm-R3.57

For More information on R-values and product availability, contact our Technical Assistance Team Below.

http://www.foamular.com.au/Technical_Assistance.html

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FOAMULAR[®]
Energy-Saving, Moisture-Resistant XPS Insulation

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The R-value of Owens Corning Foamular at various mean temperature.
Based on actual test data.

Mean Temperature oC	R-value for 25mm thickness Calculated m2 oC/W	Thermal Conductivity (k) W/m.K
30	0.87	0.0288
25	0.89	0.0281
20	0.91	0.0275
15	0.93	0.0269
10	0.95	0.0263
5	0.97	0.0258
0	0.99	0.0253
-5	1.01	0.0248
-10	1.03	0.0243
-15	1.05	0.0238
-20	1.07	0.0234
-25	1.09	0.0230
-30	1.11	0.0225

Yours faithfully,

A handwritten signature in black ink, appearing to read "Billy Lee Sang Ki Owens".

Billy, Lee Sang Ki Owens
Corning HK Ltd Building
Material Asia Pacific
Sales Manager/HK, Macau, South East Asia, Oceania & Russia