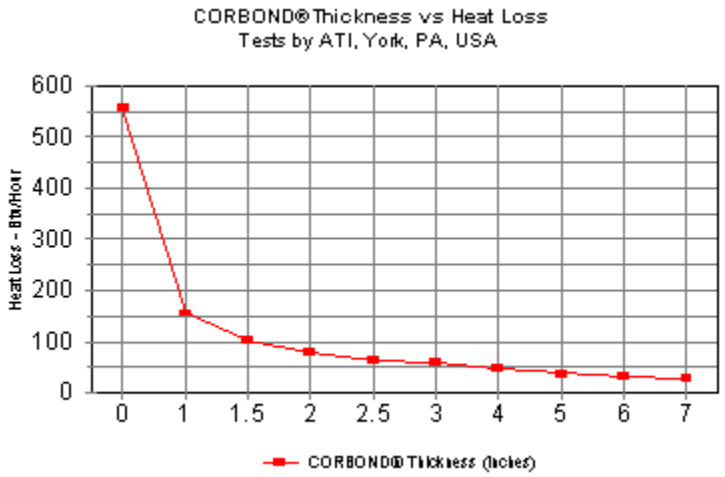
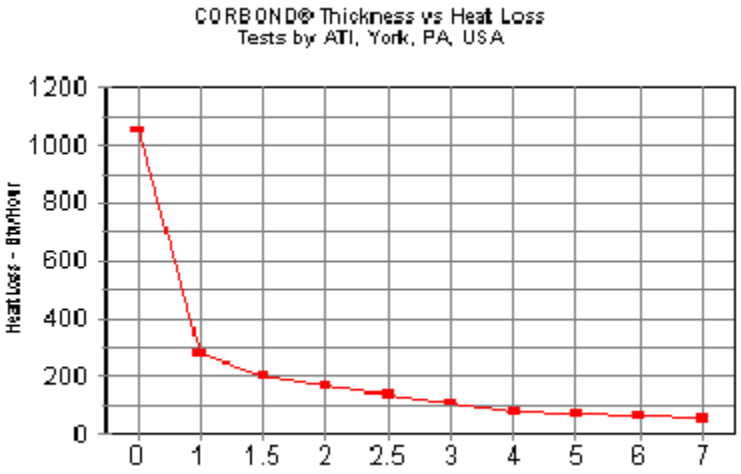
Corbond Corporation - Efficiency

Efficiency Rating per Installed Thickness
CORBOND® Performance Insulation System



CORBOND® 68°F/18°F 50°F D Temp	Btu/Hour 24.5 sq. Ft. test area	% Efficiency (Reduction in Heat Loss)
0" (plywood only)	558	0
1" (2.54 cm)	156	72%
1 1/2" (3.80 cm)	104*	81%
2" (5.08 cm)	79*	86%
2 1/2" (6.35 cm)	65*	88%
3" (7.62 cm)	59	90%
4" (10.16 cm)	48*	92%
5" (12.70 cm)	38	93%
6" (15.24 cm)	33*	94%
7" (17.78 cm)	30	95%



CORBOND® 68°F/-25°F 93°F D Temp	Btu/Hour 24.5 sq. Ft. test area	% Efficiency (Reduction in Heat Loss)
0" (plywood only)	1050	0
1" (2.54 cm)	277	74%
1 1/2" (3.80 cm)	202*	81%
2" (5.08 cm)	165*	84%
2 1/2" (6.35 cm)	135*	87%
3" (7.62 cm)	109	90%
4" (10.16 cm)	78*	92.6%
5" (12.70 cm)	69	93.4%
6" (15.24 cm)	60*	94.3%
7" (17.78 cm)	53	95%

Notes:

1. Interpret these efficiencies in a manner similar to the way we understand stated efficiencies of boilers and furnaces, where fuel input minus waste equals efficiency. With insulation, the energy which passes through the product to the outdoors is waste. This CORBOND® efficiency chart uses bare plywood as a beginning or "0" efficiency point and the reduction in heat flow through the sample as a percentage (%) equals its efficiency. This is an advanced method of ascertaining insulation performance in a scientific and easy to understand manner using tests conducted at meaningful temperatures.

2. All points marked * are extrapolations by graph. All other points are actual data from testing of the given product thicknesses generated by Architectural Testing, Inc. York, PA, USA using the ASTM C-236 method. Test reports available from Corbond Corporation, Bozeman, Montana USA 59715 406-586-4585. Website: http://www.corbond.com

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