

Heat Flow Reduction Using Demilec Spray Foam Insulation

Sealection™ 500 = R-3.81 per Inch				
Inches	BTU/Hr	R-Value	% Heat Flow	% Reduction
0	45000	0.0	100	0
1	8036	5.6	18%	82%
2	4787	9.4	11%	89%
3	3409	13.2	8%	92%
4	2647	17.0	6%	94%
5	2163	20.8	5%	95%
6	1829	24.6	4%	96%
7	1585	28.4	4%	96%
8	1398	32.2	3%	97%
9	1250	36.0	3%	97%
10	1131	39.8	3%	97%
11	1032	43.6	2%	98%
12	949	47.4	2%	98%
13	879	51.2	2%	98%
14	818	55.0	2%	98%
15	765	58.8	2%	98%
16	719	62.6	2%	98%
17	678	66.4	2%	98%
18	641	70.2	1%	99%
19	608	74.0	1%	99%
20	578	77.8	1%	99%

AgriBalance™ = R-4.45 per Inch				
Inches	BTU/Hr	R-Value	% Heat Flow	% Reduction
0	45000	0	100	0
1	7200	6.3	16%	84%
2	4206	10.7	9%	91%
3	2970	15.2	7%	93%
4	2296	19.6	5%	95%
5	1871	24.1	4%	96%
6	1579	28.5	4%	96%
7	1366	33.0	3%	97%
8	1203	37.4	3%	97%
9	1075	41.9	2%	98%
10	972	46.3	2%	98%
11	887	50.8	2%	98%
12	815	55.2	2%	98%
13	754	59.7	2%	98%
14	702	64.1	2%	98%
15	656	68.6	1%	99%
16	616	73.0	1%	99%
17	581	77.5	1%	99%
18	549	81.9	1%	99%
19	521	86.4	1%	99%
20	496	90.8	1%	99%

Heatlok-Soy™ = R-6.6 per Inch				
Inches	BTU/Hr	R-Value	% Heat Flow	% Reduction
0	45000	0.0	100	0
1	5357	8.4	12%	88%
2	3000	15.0	7%	93%
3	2083	21.6	5%	95%
4	1596	28.2	4%	96%
5	1293	34.8	3%	97%
6	1087	41.4	2%	98%
7	938	48.0	2%	98%
8	824	54.6	2%	98%
9	735	61.2	2%	98%
10	664	67.8	1%	99%
11	605	74.4	1%	99%
12	556	81.0	1%	99%
13	514	87.6	1%	99%
14	478	94.2	1%	99%
15	446	100.8	1%	99%
16	419	107.4	1%	99%
17	395	114.0	1%	99%
18	373	120.6	1%	99%
19	354	127.2	1%	99%
20	336	133.8	1%	99%

* R-Value calculation includes: Outside Air Film=0.17 + OSB Exterior Sheathing=0.51 + 1/2" Gypsum Board=0.45 + Inside Air Film=0.68

