



General Information

Havelock Wool Blow-in Insulation is the highest performance product we offer. Similarly, by R-value it is one of the best on the market. When factoring other attributes of wool, and R4.3 per inch for our blow-in product, there is simply no better way to insulate a home.

Install can be by hand for small jobs; pneumatic blowers are recommended for larger jobs and there are options for both DIYers and commercial installers. Examples of both can be found along with instructional videos on YouTube. You can also call us anytime.

The following thermal performance values are achieved at the thickness and coverage specified when insulation is properly installed. Havelock Wool Blown-in Insulation is NOT dense pack application. Other fibrous insulation lack the integrity of wool fiber and therefore need to be dense packed to perform properly. For example, cellulose will often be installed at 3.5-4 lbs per cubic foot. Wool, as stated is 1.13 lbs per cubic foot in either a vertical or horizontal application. Wool fibers trap air better than other fibers which allow for higher R-values to be achieved with less material. Also, lesser fibers will break down and slump over time. This does not happen with wool, given its inherent characteristics. The high integrity of the Havelock Wool fiber continues to expand over time, in fact, this expansion is accelerated when exposed to vapor drive, humidity and temperature swings. In short, let your wool breathe.

Coverage Chart

R Value	Max Coverage per S/F	Minimum Installed Thickness	Price per S/F
15	76	3.5	\$1.98
24	48	5.5	\$3.10
31	37	7.25	\$4.10
40	29	9.25	\$5.23
48	24	11.25	\$6.36

The above thermal performance values are achieved at the thickness and coverage specified when insulation is installed with pneumatic equipment. Havelock Wool Blown-in Insulation is not dense packed; therefore, density is the same when installing in a vertical (wall) or horizontal (attic/between floors) application eg 0.33 lbs per s/f @ 3.5" or 1.13 lbs per cubic foot.

The Details

Your blow-in insulation will arrive in a compressed sleeve. There is an inner bag within the sleeve. We recommended slicing the sleeve while hopefully leaving the inner bag intact. Open as many bags as possible before blowing and reintroduce as much air as you can. The fibers should be separated when going into the blower; opening the bags in advance will help with this process. The same is true for hand stuffing. Be sure to check your density matters as there is a natural tendency to overstuff.

Correct density is 1.13 pounds per cubic foot. That is a space covering 1' x 1' x 1'. A standard exterior wall cavity is 14.5"W x 5.5"H x 93"L. That is 9.4 square feet at 5.5" which calls for just shy of 4.5 lbs of wool. $(5.5 / 12) = 0.45$; $0.45 * 9.4 = 4.3$ lbs OR you can use cubic feet as follows: $14.5 \times 5.5 \times 93 = 7417$ cubic inches. $7417 / 1728 = 4.3$ lbs. (Note: $12 \times 12 \times 12 = 1728$).

After you have weighed the correct amount for a few cavities, you will get a feel for how the blower and cavity respond and, simply, away you go installing blow-in insulation.



Full Coverage Chart

The following thermal performance values are achieved at the thickness and coverage specified when insulation is installed with pneumatic equipment. Havelock Wool Blown-in Insulation is not dense packed; therefore, density is the same when installing in a vertical (wall) or horizontal (attic/between floors) application (e.g. 0.33 lbs per s/f @ 3.5" or 1.13 lbs per cubic foot).

Link to Helpful Videos

Visit Havelock Wool Insulation's [YouTube page](#) for useful videos.

R Value	Max Coverage per S/F	Minimum Installed Thickness	Price per S/F
11	105	2.5	\$1.43
13	87	3.0	\$1.72
15	76	3.5	\$1.98
19	60	4.4	\$2.51
22	52	5.1	\$2.90
24	48	5.5	\$3.10
31	37	7.25	\$4.10
32	36	7.5	\$4.22
38	30	8.9	\$5.02
40	29	9.25	\$5.23
43	26	10.0	\$5.68
45	25	10.5	\$5.94
48	24	11.25	\$6.36
52	22	12.1	\$6.86
60	19	14.0	\$7.92