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To: Whom it may concern,

At the end of each ESR and Evaluation report for all spray foam materials you will find an R-Value chart. To produce this chart the R-Value of any material is tested at 1 inch thickness and at a thickness of 4 inches. From these 2 test results the remaining R-Values for all other thicknesses are extrapolated to fill out the chart.

Often you may find the Thickness or R-Value that you are looking for precisely detailed in the chart. For example: if you are looking for an R-20 of Heatlok HFO Pro the chart indicates that 3 inches would provide an R-20 of Heatlok HFO Pro.

However some times the exact thickness for an R-20 will have to be determined from the chart values before and after R-20. For example: Looking at the R-Value chart, for Agribalance at 4" you find a Value of R-18. At 5.5" of Agribalance you have a Value of R-24. Using these two values it can be determined that an R-20 of Agribalance would be achieved at installing 4.5" of material.

If anyone has any further questions feel free to call the Demilec Building Science Department at 1-817-394-0585