

# R-Value Chart

# Thermafiber® Commercial & Residential Products

- + Conserves Energy
- + Reduces Greenhouse Gas and Carbon Emissions from Buildings
- + Saves Money



Insulation Thickness	R* Values	
	VersaBoard® 35** FS-15 FS-25***	FireSpan® 40 FireSpan® 90 Safing™ Insulation RainBarrier® 45 VersaBoard® 40 VersaBoard® 60 VersaBoard® 80
1"	4.2	4.2
1½"	6.0	6.3
2"	8.0	8.3
2½"	10.0	10.4
3"	12.0	12.5
3½"	14.0	14.6
4"	16.0	16.7
4½"	18.0	18.8
5"	20.0	20.8
5½"	22.0	22.9
6"	24.0	25.0

\*R = thickness ÷ thermal conductivity ( $R = \frac{t}{k}$ ). R-Value is a measure of insulating ability. "R" means resistance to heat flow. The higher the R-Value, the greater insulation power.  
 \*\*VersaBoard® 35 minimum thickness is 1½".  
 \*\*\*FS-25 minimum thickness is 3".

