



**INSULATION COMPARISON DATA**

**RockWool  
Premium  
Plus**

Fiberglass  
Batts

Fiberglass  
Blow

Cellulose

OC Foam

CC Foam

Environmentally Friendly (Green)	<b>Yes</b>	Yes	Yes	Questionable	No	No
Naturally Resistance to Mold, Mildew, & Fungus	<b>Yes</b>	Questionable	Questionable	No	No	No
Fire Proof (Non-Combustible rating by UL)	<b>Yes</b>	Yes	Yes	No	No	No
Flash/Melt Point °	<b>2150 °F melt</b>	850° melt	850° melt	500° combustible	450° combustible	450° combustible
Flame Spread	<b>0</b>	0	0	<25	<75	<75
Smoke Development	<b>0</b>	0	0	<50	<450 toxic	<450 toxic
Health Risk During Installation	<b>Low</b>	High	High	High	Toxic	Toxic
R-Value per inch	<b>4.14</b>	3.14	3.4	3.21	3.5	6.2
Sound Absorption: STC Rating in 2X4 Wall	<b>56-69*</b>	40-44	44-48	44-50	Fair **	Poor**
Cost of Products per Sq Ft at R-15	<b>\$.33 - .37</b>	\$.25 - .33	\$.28 - .40	\$.35 - .40	\$.44 - .65	\$.90 - 1.50

STC Rating Examples:

- 25 - Normal speech can be easily heard and understood
- 30 - Loud speech can be easily heard and understood
- 35 - Loud speech heard, but not understood
- 40 - Loud speech now only a murmur
- 45 - Loud speech not heard, music systems / heavy traffic noise still a problem
- 50 - Very loud sounds such as music systems, sirens can be faintly heard.
- 60+ - Excellent soundproofing

\* Rockwool has achieved an STC rating of 56 in a 2X4 wall and a 69 in a double 2X4 Party Wall. UL and Independent Lab tested.

\*\* Foam can couple the two sides of a wall or floor allowing conduction of sound and vibration from surface to surface

Benefits Summary:

- **High R-Value Resulting in 33% - 50% reduction in HVAC Operating Costs**
- **Superior Sound Proofing with STC Rating as High as 69**
- **Superior Fire Protection**
- **Most Environmentally Friendly and Sustainable Insulation Product Available**