

Insulation Characteristics	Fiberglass	Cellulose	Spray Foam		
			Polyurethane	Icynene	BioBased Insulation
Won't support combustion	😊	😊	😊	😊	😊
Doesn't shrink	😊	😊	Tends to shrink	😊	😊
No framing distortion	😊	😊	Can overexpand	😊	😊
No HCFCs, HFAs, HFCs used	😊	😊	CFC or HCFCs common	😊	😊
Easy to remove	😊	😊	Difficult to break apart	😊	😊
No harmful emissions	Carcinogenic fibers	😊	CFC or HCFCs common	😊	😊
Contains no formaldehyde	Some do	😊	😊	😊	😊
No drying time required	😊	Wet blown needs to dry	😊	😊	😊
No food value for termites	😊	Termites consume paper	😊	😊	😊
No Food Value for Rodents	😊	😊	😊	😊	😊
Meets air barrier requirements	Needs vapor barrier	Needs vapor barrier	😊	😊	😊
Not damaged by water	Water promotes mold	Water promotes mold	😊	😊	😊
Does not support mold or mildew	Mold/mildew common	Mold/mildew common	😊	😊	😊
Does not condense	Condenses on vapor barrier	Condenses on vapor barrier	😊	😊	😊
No settling or sagging	Can settle	Commonly settles	😊	😊	😊
Can minimize fire spread	Allows oxygen to fire	Allows oxygen to fire	😊	😊	😊
Does not produce dust	Airborne glass fibers	Extreme paper pulp dust	😊	😊	😊
Won't wick or absorb water	Absorbs water quickly	Absorbs water quickly	😊	😊	😊
Perfect fit/seal every time	Requires special measures	Requires special measures	Shrinks over time	😊	😊
Closed cavity injectable	Some blown in forms	😊	Can overexpand	(wall fill product only) 😊	Not currently suggested
Performance stability	Very installer dependant	Very installer dependant	Very installer dependant	😊	😊
R - 4 per inch or higher	R 2.2-3.0 per inch	R 3.3-3.6 per inch	R 6-7 per inch 😊	R 3.25- 3.6 per inch	R 4 per inch 😊
Made from Renewable resource	Uses natural resources to mfg	From recycled newspapers 😊	Oil supply dependant	Oil supply dependant	From Soy Beans 😊
Supports US soy bean farmers	No	No	No	No	😊
Made in the USA /US resources	😊	😊	No	No	😊
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