Air Space Requirements -- Post Frame Applications

All applications with an R-Value claim must have an enclosed air space (a cavity without free air flow) or face an open air space. Please refer to the chart below for the Air Space Requirements per application.

Application:	Benefit:	Air Space Specification (relative to product):	Building Components (that product is attached to):	Product/s:
Roof/New	R-9.0 Down	1.5" Above	Above the Truss	Double-Sided Reflective
Below Purlin	R-4.4 Up	and Open Below	and Below the Purlin	Insulation
Roof/New	R-6.4 Down	0.75" (nominal) Above	Below the Roof	Double-Sided Reflective
Above Purlin	R-4.3 Up	and Open Below	and Above the Purlin	Insulation
Roof/Retro	R-10 Down	10" + Above	Bottom of Truss	Double-Sided Reflective
Bottom of Truss	R-3.7 Up	and Open Below		Insulation
Roof/Retro	R-9.0 Down	1.5" Above	Bottom of Purlin	Double-Sided Reflective
Bottom of Purlin	R-4.4 Up	and Open Below		Insulation
Wall/New	R-5.3	1.5" Outside	Inside of Girt	Double-Sided Reflective
Inside of Girt		and Open Inside		Insulation
Wall/New	R-4.7	0.75" (nominal) Outside	Outside of Girt and	Double-Sided Reflective
Outside of Girt		and Open Inside	Inside Exterior Panel	Insulation
Wall/Retro	R-5.3	1.5" Outside	Inside of Girt	Double-Sided Reflective
		and Open Inside		Insulation
Roof/New	R-3.8 Down	0.75" (nominal) Above	Below the Roof	Single-Sided Reflective
Above Purlin	R-3.5 Up	and Open Below	and Above the Purlin	Insulation
Roof/Retro	R-6.6 Down	10" + Above	Bottom of Truss	Single-Sided Reflective
Bottom of Truss	R-3.0 Up	and Open Below		Insulation
Wall/New	R-3.7	0.75" (nominal) Outside	Outside of Girt and	Single-Sided Reflective
Outside of Girt		and Open Inside	Inside Exterior Panel	Insulation
Wall/Retro	R-4.2	1.5" Outside	Inside of Girt	Single-Sided Reflective
		and Open Inside		Insulation