

Roof System U-Values

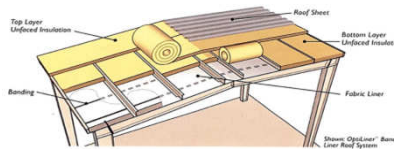
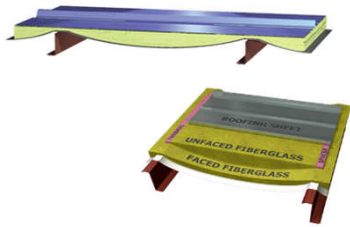
Standing Seam w/Thermal Blocks

Single Layer	
R6	0.167
R10	0.097
R11	0.092
R13	0.083
R16	0.072
R19	0.065

Double Layer	
R10+R10	0.063
R10+R11	0.061
R11+R11	0.06
R10+R13	0.058
R11+R13	0.057
R13+R13	0.055
R10+R19	0.052
R11+R19	0.051
R13+R19	0.049
R16+R19	0.047
R19+R19	0.046

Liner System	
R11+R19	0.035
R11+R25	0.031
R11+R30	0.029
R11+R11+R25	0.026

Liner System *** No Thermal Blocks ***	
R11+R19	0.041



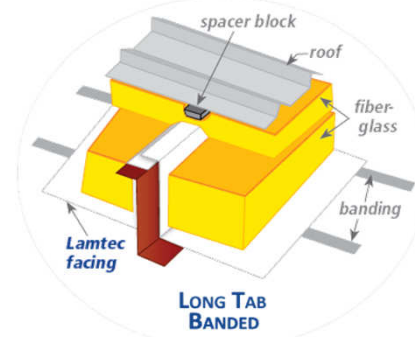
ASHRAE Table A2.3

Long Tab Banded (Filled Cavity)

ASHRAE A2.3	
R19+R10	0.041

Lamtec	
R11+R19	0.037
R11+R25	0.035
R25+R19	0.029

Standing Seam w/Thermal Blocks



Screw Down Roof

Single Layer	
R10	0.153
R11	0.139
R13	0.13
R16	0.106
R19	0.098

Liner System	
R11+R19	0.044

ASHRAE Table A2.3

Conseal Tab

	w/Thermal Blocks	No Thermal Blocks
R13	0.0946	0.109
R19	0.0622	0.0828

Therm-All

Single Layer (MR24 w/Thermal Blocks)

R30	0.043
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Butler

Wall System U-Values

Laminated

Single Layer

R6	0.184
R10	0.134
R11	0.123
R13	0.113
R16	0.093
R19	0.084

Double Layer

R6+R13	0.07
R10+R13	0.061
R13+R13	0.057
R19+R13	0.048

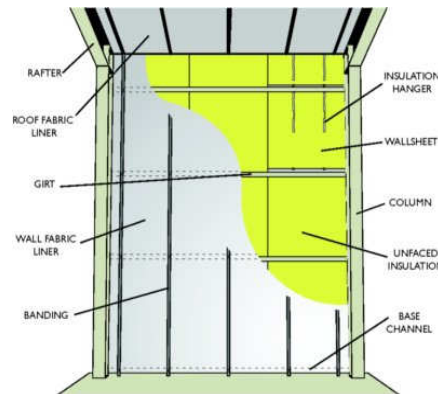


ASHRAE Table A2.3

Liner System

OptiLiner (8" Girt)

R16	0.074
R19	0.066
R25 + 1/8" Foam	0.057
R30 + 1/8" Foam	0.049
R30 + R13	0.042

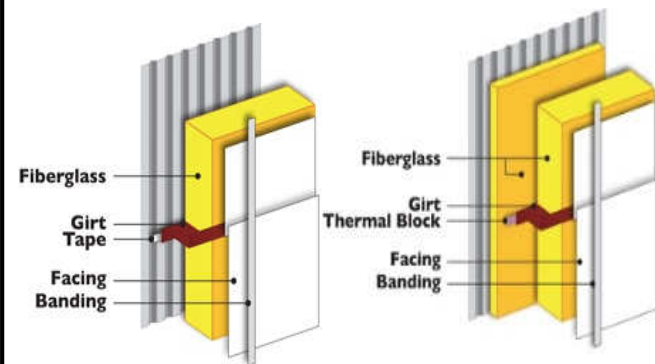


Owens Corning

High-R System

System

R25 + 1/8" Foam Tape	0.059
R30 + 1/8" Foam Tape	0.052
R25 + R16 + 1/8" Foam Tape (8" Girt)	0.037
R25 + R13 + 1" Thermal Block (8" Girt)	0.036
R25 + R16 + 1/8" Foam Tape (10" Girt)	0.036
R25 + R13 + 1" Thermal Block (10" Girt)	0.035



Lamtec