

# IECC 2006 / ASHRAE 2004 Fiberglass Solutions

IECC 2006 Building Envelope Requirements Metal Building Walls			
Climate Zone	Prescriptive Maximum U-Factor	Compliance Options	
		U - Factor	Assembly Description
1	0.113	0.113	Single Layer, Faced R-13 Fiberglass Blanket
2			
3			
4			
5	0.057	0.052*	Single Layer, Filled Cavity Fiberglass System - R-30 with 1/8" Foam Tape
6			
7			
8			

\* Use with COMcheck - Other Metal Building Wall

IECC 2006 Building Envelope Requirements Metal Building Roof			
Climate Zone	Prescriptive Maximum U-Factor	Compliance Options	
		U - Factor	Assembly Description
1	0.052	0.052	Double Layer, Faced R-10 plus Unfaced R-19 Fiberglass Blanket with Thermal Blocks and Standing Seam Roof
2	0.065	0.065	Single Layer, Faced R-19 Fiberglass Blanket with Thermal Blocks and Standing Seam Roof
3			
4			
5			
6	0.052	0.052	Double Layer, Faced R-10 plus Unfaced R-19 Fiberglass Blanket with Thermal Blocks and Standing Seam Roof
7			
8			

ASHRAE 90.1-2004 Building Envelope Requirements Non-Residential Metal Building Walls			
Climate Zone	Prescriptive Maximum U-Factor	Compliance Options	
		U - Factor	Assembly Description
1	0.113	0.113	Single Layer, Faced R-13 Fiberglass Blanket
2			
3			
4			
5			
6			
7	0.057	0.052*	Single Layer, Filled Cavity Fiberglass System - R-30 with 1/8" Foam Tape
8			

\* Use with COMcheck - Other Metal Building Wall

ASHRAE 90.1-2004 Building Envelope Requirements Non-Residential Metal Building Roof			
Climate Zone	Prescriptive Maximum U-Factor	Compliance Options	
		U - Factor	Assembly Description
1	0.065	0.065	Single Layer, Faced R-19 Fiberglass Blanket with Thermal Blocks and Standing Seam Roof
2			
3			
4			
5			
6			
7			
8	0.049	0.049	Double Layer, Faced R-13 plus Unfaced R-19 Fiberglass Blanket with Thermal Blocks and Standing Seam Roof