WAC 51-11C-610714 Table A107.1(4)—Default U-factors for steel garage and hangar doors.

Table A107.1(4)
Default U-factors for Steel Garage and Hangar Doors

Double-skin Steel Garage and Aircraft Hangar Doors					
	One-piece tilt-up[a]		Sectional tilt-up[b]	Aircraft hangar	
Insulation[e]	**8 ft. x 7 ft.**	**16 ft. x 7 ft.**	**9 ft. x 7 ft.**	**72 ft. x 12 ft.[c]**	**240 ft. x 50 ft.[d]**
1-3/8 in. thickness					
XPS, steel ribs	0.36	0.33	0.34 - 0.39		
EPS, steel ribs	0.33	0.31	0.31 - 0.36		
2 in. thickness					
XPS, steel ribs	0.31	0.28	0.29 - 0.33		
EPS, steel ribs	0.29	0.26	0.27 - 0.31		
3 in. thickness					
XPS, steel ribs	0.26	0.23	0.25 - 0.28		
EPS, steel ribs	0.24	0.21	0.24 - 0.27		
4 in. thickness					
XPS, steel ribs	0.23	0.20	0.23 - 0.25		
EPS, steel ribs	0.21	0.19	0.21 - 0.24		
6 in. thickness					
XPS, steel ribs	0.20	0.16	0.20 - 0.21		
EPS, steel ribs	0.19	0.15	0.19 - 0.21		
4 in. thickness					
Noninsulated				1.10	1.23
Expanded polystyrene				0.25	0.16
Mineral wool, steel ribs				0.25	0.16
Extruded polystyrene				0.23	0.15
6 in. thickness					
Noninsulated				1.10	1.23
Expanded polystyrene				0.21	0.13
Mineral wool, steel ribs				0.23	0.13
Extruded polystyrene				0.20	0.12
Uninsulated					
All products	1.15				

a Values are for thermally broken or thermally unbroken doors.
b Lower values are for thermally broken doors; upper values are for doors with no thermal break.
c Typical size for a small private airplane (single-engine or twin).
d Typical hangar door for a midsize commercial jet airliner.
e XPS is extruded polystyrene, EPS is expanded polystyrene.

[Statutory Authority: RCW 19.27A.025, 19.27A.045, 19.27.020, and 19.27.074. WSR 14-24-122, § 51-11C-610714, filed 12/3/14, effective 1/3/15. Statutory Authority: RCW 19.27A.020, 19.27A.025 and chapters 19.27 and 34.05 RCW. WSR 13-04-056, § 51-11C-610714, filed 2/1/13, effective 7/1/13.]