

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 | | | | | |
|---|--------------------------------|----------------|--------------------------------|------------------------------|-------------------------------|
| Insulation ^e | One-piece tilt-up ^a | | Sectional tilt-up ^b | Aircraft hangar | |
| | 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 EPS, steel ribs | 0.36 0.33 | 0.33 0.31 | 0.34 - 0.39 0.31 - 0.36 | | |
| 2 in. thickness XPS, steel ribs EPS, steel ribs | 0.31 0.29 | 0.28 0.26 | 0.29 - 0.33 0.27 - 0.31 | | |
| 3 in. thickness XPS, steel ribs EPS, steel ribs | 0.26 0.24 | 0.23 0.21 | 0.25 - 0.28 0.24 - 0.27 | | |
| 4 in. thickness XPS, steel ribs EPS, steel ribs | 0.23 0.21 | 0.20 0.19 | 0.23 - 0.25 0.21 - 0.24 | | |
| 6 in. thickness XPS, steel ribs EPS, steel ribs | 0.20 0.19 | 0.16 0.15 | 0.20 - 0.21 0.19 - 0.21 | | |
| 4 in. thickness Noninsulated Expanded polystyrene Mineral wool, steel ribs Extruded polystyrene | | | | 1.10 0.25 0.25 0.23 | 1.23 0.16 0.16 0.15 |
| 6 in. thickness Noninsulated Expanded polystyrene Mineral wool, steel ribs Extruded polystyrene | | | | 1.10 0.21 0.23 0.20 | 1.23 0.13 0.13 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.]