

Table 4-3 Assembly 4 prescriptive energy code compliance values excerpted from Table i-1 of the introductory chapter

OPAQUE ABOVE-GRADE WALL - THERMAL ENVELOPE REQUIREMENTS												
Energy Code		2012 SEC		2012 WSEC		2014 OEESC		2012 IECC				
Climate Zone		5 and Marine 4		5, 6 and Marine 4		5 and Marine 4		5 and Marine 4		6		
Guide Assembly #	Classification	All Other	Group R	All Other	Group R	All Other	Group R	All Other	Group R	All Other	Group R	
4	Integrally Insulated CMU	Mass	Exterior: R-16ci ⁽¹⁾	Exterior: R-16ci ⁽¹⁾	R-9.5ci ⁽²⁾	R-13.3ci ⁽²⁾	R-11.4ci	R-13.3ci	R-11.4ci	R-13.3ci	R-13.3ci	R-15.2ci
			U-0.057 (R-17.5)	U-0.057 (R-17.5)	U-0.104 ⁽²⁾ (R-9.6)	U-0.078 (R-12.8)	U-0.150 ⁽²⁾ (R-6.7)	U-0.090 ⁽²⁾ (R-11.1)	U-0.078 (R-12.8)	U-0.078 (R-12.8)	U-0.078 (R-12.8)	U-0.078 (R-12.8)

⁽¹⁾ When using interior insulation: R-13 + R-6 ci for wood studs or R-13 + R-10 ci for metal stud; when using exterior insulation R-16 ci

⁽²⁾ Provided at least 50% of block cores are filled with vermiculite (or equivalent fill insulation), and enclosing one of the following uses: gymnasium, auditorium, church chapel, arena, kennel manufacturing plant, indoor swimming pool, pump station, water and waste water treatment facility, storage facility, restroom/concessions, mechanical/electric structures, storage area, warehouse (storage and retail), and motor vehicle service facility. In Washington, where additional uses not listed (such as office, retail, etc.) are contained within the building, the exterior walls that enclose these areas may not utilize this exception.