

*(Effective until March 15, 2024)*

WAC 51-11C-402142 Table C402.1.4.1—Effective R-values for steel stud wall assemblies.

**Table C402.1.4.1  
Effective R-values For Steel Stud Wall Assemblies**

NOMINAL STUD DEPTH (inches)	SPACING OF FRAMING (inches)	CAVITY R-VALUE (insulation)	CORRECTION FACTOR ( <i>F<sub>c</sub></i> )	EFFECTIVE R-VALUE (ER) (Cavity R-Value x <i>F<sub>c</sub></i> )
3 1/2	16	13	0.46	5.98
		15	0.43	6.45
3 1/2	24	13	0.55	7.15
		15	0.52	7.80
6	16	19	0.37	7.03
		21	0.35	7.35
6	24	19	0.45	8.55
		21	0.43	9.03
8	16	25	0.31	7.75
	24	25	0.38	9.50

[Statutory Authority: RCW 19.27A.025, 19.27A.160, and 19.27.074. WSR 16-03-072, § 51-11C-402142, filed 1/19/16, effective 7/1/16.]

*(Effective March 15, 2024)*

WAC 51-11C-402142 Table C402.1.4.2—Effective R-values for steel stud wall assemblies.

**Table C402.1.4.2  
Effective R-values For Steel Stud Wall Assemblies**

NOMINAL STUD DEPTH (inches)	SPACING OF FRAMING (inches)	CAVITY R-VALUE (insulation)	CORRECTION FACTOR ( <i>F<sub>c</sub></i> )	EFFECTIVE R-VALUE (ER) (Cavity R-Value x <i>F<sub>c</sub></i> )
3 1/2	16	13	0.46	5.98
		15	0.43	6.45
3 1/2	24	13	0.55	7.15
		15	0.52	7.80
6	16	19	0.37	7.03
		21	0.35	7.35
6	24	19	0.45	8.55
		21	0.43	9.03
8	16	25	0.31	7.75
	24	25	0.38	9.50

[Statutory Authority: RCW 19.27A.020, 19.27A.025, 19.27A.160 and chapters 19.27A and 19.27 RCW. WSR 22-14-091, 23-12-101, and 23-20-021, § 51-11C-402142, filed 7/1/22, 6/7/23, and 9/25/23, effective 3/15/24. Statutory Authority: RCW 19.27A.025, 19.27A.160, and 19.27.074. WSR 16-03-072, § 51-11C-402142, filed 1/19/16, effective 7/1/16.]