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Tables below provide 'Whole Wall' corrected R-Values and U-Factors for various grout and steel frequencies per engineering

Grout and Steel Frequency at 48" on center

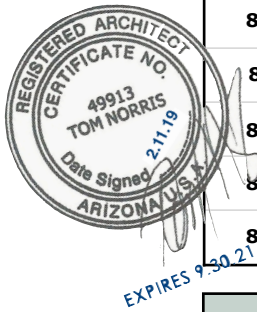
Nominal Thickness	Concrete Density pcf	Omni Block Interior Stretcher Cores R-Value	X	Grout and Steel Correction Factor	=	Omni Block Interior Stretcher Cores Corrected R-Value		+	Omni Block Exterior Stretcher Cores R-Value		=	Omni Block Stretcher Cores with Correction	
						R-Value	U-Factor		R-Value	U-Factor		R-Value	U-Factor
8"	85	8.17	X	0.833	=	6.8	+	8.2	+	4.9	=	19.9	0.0503
8"	95	8.17	X	0.833	=	6.8	+	7.5	+	4.9	=	19.2	0.0521
8"	105	8.17	X	0.833	=	6.8	+	7.2	+	4.9	=	18.9	0.0529
8"	115	8.17	X	0.833	=	6.8	+	6.8	+	4.9	=	18.5	0.0541
8"	125	8.17	X	0.833	=	6.8	+	6.5	+	4.9	=	18.2	0.0549
8"	135	8.17	X	0.833	=	6.8	+	6.2	+	4.9	=	17.9	0.0549

Grout and Steel Frequency at 40" on center

Nominal Thickness	Concrete Density pcf	Omni Block Interior Stretcher Cores R-Value	X	Grout and Steel Correction Factor	=	Omni Block Interior Stretcher Cores Corrected R-Value		+	Omni Block Exterior Stretcher Cores R-Value		=	Omni Block Stretcher Cores with Correction	
						R-Value	U-Factor		R-Value	U-Factor		R-Value	U-Factor
8"	85	8.17	X	0.800	=	6.5	+	8.2	+	4.9	=	19.6	0.0510
8"	95	8.17	X	0.800	=	6.5	+	7.5	+	4.9	=	18.9	0.0529
8"	105	8.17	X	0.800	=	6.5	+	7.2	+	4.9	=	18.6	0.0538
8"	115	8.17	X	0.800	=	6.5	+	6.8	+	4.9	=	18.2	0.0549
8"	125	8.17	X	0.800	=	6.5	+	6.5	+	4.9	=	17.9	0.0559
8"	135	8.17	X	0.800	=	6.5	+	6.2	+	4.9	=	17.6	0.0568

Grout and Steel Frequency at 32" on center

Nominal Thickness	Concrete Density pcf	Omni Block Interior Stretcher Cores R-Value	X	Grout and Steel Correction Factor	=	Omni Block Interior Stretcher Cores Corrected R-Value		+	Omni Block Exterior Stretcher Cores R-Value		=	Omni Block Stretcher Cores with Correction	
						R-Value	U-Factor		R-Value	U-Factor		R-Value	U-Factor
8"	85	8.17	X	0.750	=	6.1	+	8.2	+	4.9	=	19.2	0.0521
8"	95	8.17	X	0.750	=	6.1	+	7.5	+	4.9	=	18.5	0.0541
8"	105	8.17	X	0.750	=	6.1	+	7.2	+	4.9	=	18.2	0.0549
8"	115	8.17	X	0.750	=	6.1	+	6.8	+	4.9	=	17.8	0.0562
8"	125	8.17	X	0.750	=	6.1	+	6.5	+	4.9	=	17.5	0.0571
8"	135	8.17	X	0.750	=	6.1	+	6.2	+	4.9	=	17.2	0.0581





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Grout and Steel Frequency at 24" on center

Nominal Thickness	Concrete Density pcf	Omni Block Interior Stretcher Cores R-Value	X	Grout and Steel Correction Factor	=	Omni Block Interior Stretcher Cores Corrected R-Value		+	Omni Block Exterior Stretcher Cores R-Value		=	Omni Block Stretcher Cores with Correction	
						R-Value	U-Factor		R-Value	U-Factor		R-Value	U-Factor
8"	85	8.17	X	0.670	=	5.5	+	8.2	+	4.9	=	18.6	0.0538
8"	95	8.17	X	0.670	=	5.5	+	7.5	+	4.9	=	17.9	0.0559
8"	105	8.17	X	0.670	=	5.5	+	7.2	+	4.9	=	17.6	0.0568
8"	115	8.17	X	0.670	=	5.5	+	6.8	+	4.9	=	17.2	0.0581
8"	125	8.17	X	0.670	=	5.5	+	6.5	+	4.9	=	16.9	0.0592
8"	135	8.17	X	0.670	=	5.5	+	6.2	+	4.9	=	16.6	0.0602

Grout and Steel Frequency at 16" on center

Nominal Thickness	Concrete Density pcf	Omni Block Interior Stretcher Cores R-Value	X	Grout and Steel Correction Factor	=	Omni Block Interior Stretcher Cores Corrected R-Value		+	Omni Block Exterior Stretcher Cores R-Value		=	Omni Block Stretcher Cores with Correction	
						R-Value	U-Factor		R-Value	U-Factor		R-Value	U-Factor
8"	85	8.17	X	0.500	=	4.1	+	8.2	+	4.9	=	17.2	0.0581
8"	95	8.17	X	0.500	=	4.1	+	7.5	+	4.9	=	16.5	0.0606
8"	105	8.17	X	0.500	=	4.1	+	7.2	+	4.9	=	16.2	0.0617
8"	115	8.17	X	0.500	=	4.1	+	6.8	+	4.9	=	15.8	0.0633
8"	125	8.17	X	0.500	=	4.1	+	6.5	+	4.9	=	15.5	0.0645
8"	135	8.17	X	0.500	=	4.1	+	6.2	+	4.9	=	15.2	0.0658

Grout and Steel Frequency at 8" on center

Nominal Thickness	Concrete Density pcf	Omni Block Interior Stretcher Cores R-Value	X	Grout and Steel Correction Factor	=	Omni Block Interior Stretcher Cores Corrected R-Value		+	Omni Block Exterior Stretcher Cores R-Value		=	Omni Block Stretcher Cores with Correction	
						R-Value	U-Factor		R-Value	U-Factor		R-Value	U-Factor
8"	85	8.17	X	0.000	=	0.0	+	8.2	+	4.9	=	13.1	0.0763
8"	95	8.17	X	0.000	=	0.0	+	7.5	+	4.9	=	12.4	0.0806
8"	105	8.17	X	0.000	=	0.0	+	7.2	+	4.9	=	12.1	0.0826
8"	115	8.17	X	0.000	=	0.0	+	6.8	+	4.9	=	11.7	0.0855
8"	125	8.17	X	0.000	=	0.0	+	6.5	+	4.9	=	11.4	0.0877
8"	135	8.17	X	0.000	=	0.0	+	6.2	+	4.9	=	11.1	0.901

