

TABLE 6. HEAT TRANSMISSION FROM VARIOUS TYPES OF WALL CONSTRUCTION

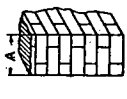
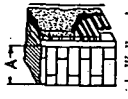
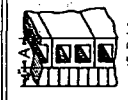
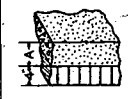
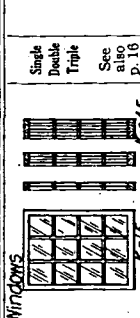
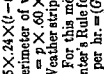
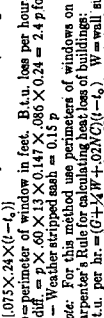
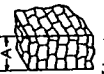
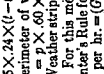
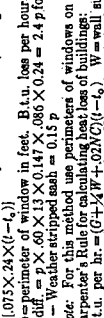
CONSTRUCTION	B.T.U. TRANSMITTED PER SQ. FT. PER HR. PER DEG. F. DIFFERENCE BETWEEN AIR INSIDE AND AIR OUTSIDE		THICKNESS A	CONSTRUCTION		THICKNESS A	B.T.U. TRANSMITTED PER SQ. FT. PER HR. PER DEG. F. DIFFERENCE BETWEEN AIR INSIDE AND AIR OUTSIDE		THICKNESS A	CONSTRUCTION		THICKNESS A	B.T.U. TRANSMITTED PER SQ. FT. PER HR. PER DEG. F. DIFFERENCE BETWEEN AIR INSIDE AND AIR OUTSIDE	
	Still	15-mi. wind		Still	15-mi. wind		Still	15-mi. wind		Still	15-mi. wind		Still	15-mi. wind
C = conductivity K ₁ = inside still air K ₂ = air space K ₃ = outside still air K _s = outside 15-mi. wind	1.40	0.31	9"	 Plain Brick Wall	0.36	0.93	9"	C = conductivity K ₁ = inside still air K ₂ = air space K ₃ = outside still air K _s = outside 15-mi. wind	0.21	0.23	 Brick Hollow Tile Furred, Lathed and Plastered	0.93	0.21	0.23
	4.20	0.25	13"		0.27	1.3	4"		0.19	0.21		1.4	0.15	0.19
	5.0	0.20	18"		0.22	4.2	8"		0.17	0.19		4.2	0.14	0.17
		0.16	24"		0.18	5	12"		0.17	0.19		5	0.14	0.17
K ₁ = 0.93 K ₂ = 4.2 K ₃ = 5.0 C = 8	0.20	0.22	9"	 Brick Wall and Air Space, Furred and Plastered	0.19	0.93	9"	K ₁ = 1.3 K ₂ = 3.9 K ₃ = 8.0 C = 12	0.32	0.38	 Concrete	1.3	0.56	0.81
	0.17	0.19	13"		0.16	1.4	4"		0.27	0.32		1.4	0.53	0.72
	0.14	0.16	18"		0.13	4.2	8"		0.24	0.27		3.9	0.49	0.66
	0.13	0.13	24"		0.13	5	12"		0.24	0.27		8.0	0.40	0.50
K ₁ = 0.93 K ₂ = 1.40 K ₃ = 4.2 K _s = 8 C _{pl} = 5	0.27	0.30	9"	 Brick Plastered One Side	0.25	0.93	9"	K ₁ = 1.4 K ₂ = 1.3 K ₃ = 3.9 K _s = 8.0 C _{pl} = 8	0.31	0.36	 Concrete, Furred, Lathed and Plastered	1.4	0.26	0.30
	0.22	0.25	13"		0.20	1.4	4"		0.26	0.30		1.4	0.24	0.28
	0.18	0.20	18"		0.16	4.2	8"		0.23	0.26		3.9	0.23	0.26
	0.15	0.16	24"		0.16	5	12"		0.23	0.26		8.0	0.20	0.23
K ₁ = 1.30 K ₂ = 1.40 K ₃ = 4.20 K _s = 5 C _b = 8	0.36	0.43	4"	 4" Brick Concrete	0.36	0.93	4"	K ₁ = 1.4 K ₂ = 1.3 K ₃ = 3.9 K _s = 8.0 C _{pl} = 8	0.27	0.31	 Hollow Tile	1.4	0.33	0.39
	0.30	0.36	8"		0.30	1.4	4"		0.23	0.26		1.4	0.27	0.32
	0.26	0.30	12"		0.26	4.2	8"		0.21	0.23		4.2	0.22	0.25
	0.23	0.26	16"		0.23	5	12"		0.21	0.23		4.2	0.22	0.25

TABLE 6. HEAT TRANSMISSION FROM VARIOUS TYPES OF WALL CONSTRUCTION—Continued

CONSTRUCTION	B.T.U. TRANSMITTED PER SQ. FT. PER HR. PER DEG. TEMP. DIFFERENCE BETWEEN AIR INSIDE AND AIR OUTSIDE		THICKNESS A	CONSTRUCTION	THICKNESS A	B.T.U. TRANSMITTED PER SQ. FT. PER HR. PER DEG. TEMP. DIFFERENCE BETWEEN AIR INSIDE AND AIR OUTSIDE		THICKNESS A	CONSTRUCTION	THICKNESS A	B.T.U. TRANSMITTED PER SQ. FT. PER HR. PER DEG. TEMP. DIFFERENCE BETWEEN AIR INSIDE AND AIR OUTSIDE						
	Still Air	15-mi. wind				Still Air	15-mi. wind				Still Air	15-mi. wind					
C = conductivity K ₁ = inside still air K ₂ = air space K ₃ = outside still air C _{pl} = outside still air C _{8"} = outside 15-mi. wind	0.93	0.29	4"	 Hollow Tile Plastered One Side	4"	0.94	4"	 Limestone Plastered One Side	4"	0.94	4"	 Stone, Furred, Lathed and Plastered	6"	0.56	 Wood Wall or Floor	6"	0.56
	1.4	0.25	6"		6"	0.83	6"		8"	0.46	8"		0.46				
	4.2	0.20	8"		8"	0.70	8"		10"	0.42	10"		0.42				
	8	0.20	0.23		10"	0.65	10"		12"	0.39	12"		0.39				
K ₁ = 0.93 K ₂ = 0.93 K ₃ = 2.81 C _{pl} = 8 C _b & pl = 8 C _{4"} = 0.61 C _{6"} = 0.47 C _{8"} = 0.32	0.26	0.31	4"	 Limestone, Furred, Lathed and Plastered	4"	0.71	4"	 Windows	7 1/2"	0.547	 Single, Double, Triple, and See also p. 16	7 1/2"	0.547	0.547			
	0.23	0.27	6"		6"	0.60	6"		8"	0.53		8"	0.53				
	0.19	0.21	8"		8"	0.48	8"		10"	0.43		10"	0.43				
	0.15	0.16	10"		10"	0.36	10"		12"	0.39		12"	0.39				
K ₁ = 0.93 K ₂ = 1.4 K ₃ = 2.81 C _{pl} = 8 C _b & pl = 8 C _{4"} = 0.61 C _{6"} = 0.47 C _{8"} = 0.32	0.18	0.21	4"	 Stone	4"	0.99	4"	 Stone Plastered	6"	0.79	 Infiltration Loss	6"	1.126	 Infiltration Loss	6"	1.126	
	0.17	0.19	6"		6"	0.85	6"		8"	0.70		8"	0.70				
	0.15	0.16	8"		8"	0.64	8"		10"	0.56		10"	0.56				
	0.13	0.14	10"		10"	0.49	10"		12"	0.45		12"	0.45				
K ₁ = 0.93 K ₂ = 0.93 K ₃ = 2.81 C _{pl} = 8 C _b & pl = 8 C _{4"} = 0.61 C _{6"} = 0.47 C _{8"} = 0.32	0.09	0.10	4"	 Limestone or Sandstone	4"	0.99	4"	 Infiltration Loss	6"	0.79	 Infiltration Loss	6"	1.126	 Infiltration Loss	6"	1.126	
	0.08	0.09	6"		6"	0.85	6"		8"	0.70		8"	0.70				
	0.07	0.08	8"		8"	0.64	8"		10"	0.56		10"	0.56				
	0.06	0.07	10"		10"	0.49	10"		12"	0.45		12"	0.45				