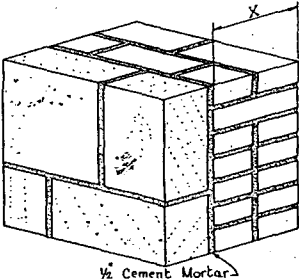


TABLE 6-F. COEFFICIENTS OF TRANSMISSION (*U*) OF VARIOUS TYPES OF MASONRY WALL CONSTRUCTION

Note.—These coefficients are expressed in B.t.u. per hour per square foot per 1 deg. Fahr. difference in temperature between the air on the two sides and are based on an outside wind exposure of 15 miles per hour.

4" CUT STONE VENEER ON BRICK WALLS						
The values of U in this Table are based on the following Internal Conductivities (C) which are expressed in B.t.u. per Hr. per Sq.Ft. per 1°F Stone 10.00 per 1" Brick 5.00 per 1" Cement Mortar 8.00 per 1" Plaster Board 3.04 per 1" Plaster (Gypsum) 2.32 per 1" Wood Lath & Plaster 2.00 as applied Cork board 0.30 per 1" Fiber Insulation (Board/form) 0.33 per 1" Cellular Gypsum (18") 0.59 per 1" Powdered Gypsum (26") 0.52 per 1"						
Y = Thickness of Insulation where specified			1/2" Cement Mortar			
Wall Number	Interior Construction	Y	Thickness of Brick - X			
			4"	13"	18"	24"
			a	b	c	d
56	Plain Walls - No Interior Finish		0.281	0.246	0.198	0.160
57	1/2" Plaster on Brick		0.280	0.234	0.190	0.155
58	3/4" Plaster on Metal Lath - Furred		0.193	0.170	0.146	0.124
59	1/2" Plaster on Wood Lath - Furred		0.187	0.165	0.142	0.121
60	1/2" Plaster on 3/8" Plaster Board - Furred		0.193	0.170	0.145	0.164
61	1/2" Plaster on Wood Lath on 2" Furring Strips - Cellular Gypsum Fill	1 1/2"	0.151	0.137	0.120	0.105
62	1/2" Plaster on Wood Lath on 2" Furring Strips - Powdered Gypsum Fill	1 1/2"	0.143	0.130	0.115	0.101
63	1/2" Plaster on Fiber Insulation - (Board/form) Furred	1/2"	0.152	0.137	0.121	0.105
64		1"	0.124	0.114	0.102	0.091
65	1/2" Plaster on Cork board set in 1/2" Cement Mortar	1 1/2"	0.116	0.107	0.097	0.087
66		2"	0.097	0.091	0.083	0.076

*Based on 1 1/2 in., the actual thickness of 2 in. furring strips.

TABLE 6-G. COEFFICIENTS OF TRANSMISSION (*U*) OF VARIOUS TYPES OF MASONRY WALL CONSTRUCTION

Note.—These coefficients are expressed in B.t.u. per hour per square foot per 1 deg. Fahr. difference in temperature between the air on the two sides and are based on an outside wind exposure of 15 miles per hour.

4" CUT STONE VENEER ON HOLLOW TILE WALLS

The values of *U* in this Table are based on the following Internal Conductivities (*C*) which are expressed in B.t.u. per Hr. per Sq.Ft. per 1°F

Hollow Tile	4-0.65	6-0.50	8-0.43	12-0.26
Stone		10.00	per 1"	
Cement Mortar		8.00	per 1"	
Plaster Board		3.04	per 1"	
Plaster (Gypsum)		2.32	per 1"	
Wood Lath & Plaster		2.00	as applied	
Cork board		0.30	per 1"	
Fiber Insulation (Board/Form)		0.33	per 1"	
Cellular Gypsum (18")		0.59	per 1"	
Powdered Gypsum (26")		0.52	per 1"	

Y = Thickness of Insulation where specified

Wall Number	Interior Construction	Y	Thickness of Hollow Tile - X			
			6"	8"	12"	16"
			a	b	c	d
67	Plain Walls - No Interior Finish		0.289	0.265	0.189	0.146
68	1/2" Plaster on Hollow Tile		0.272	0.250	0.284	0.141
69	3/4" Plaster on Metal Lath - Furred		0.190	0.179	0.140	0.115
70	1/2" Plaster on Wood Lath - Furred		0.183	0.173	0.137	0.113
71	1/2" Plaster on 3/8" Plaster Board - Furred		0.189	0.178	0.140	0.115
72	1/2" Plaster on Wood Lath on 2" Furring Strips - Cellular Gypsum Fill	1 1/2"	0.149	0.142	0.117	0.099
73	1/2" Plaster on Wood Lath on 2" Furring Strips - Powdered Gypsum Fill	1 1/2"	0.141	0.135	0.112	0.095
74	1/2" Plaster on Fiber Insulation - (Board/form) Furred	1/2"	0.150	0.143	0.117	0.099
75		1"	0.122	0.117	0.099	0.086
76	1/2" Plaster on Cork board set in 1/2" Cement Mortar	1 1/2"	0.114	0.110	0.094	0.082
77		2"	0.096	0.093	0.081	0.072

*Based on 1 1/2 in., the actual thickness of 2 in. furring strips.