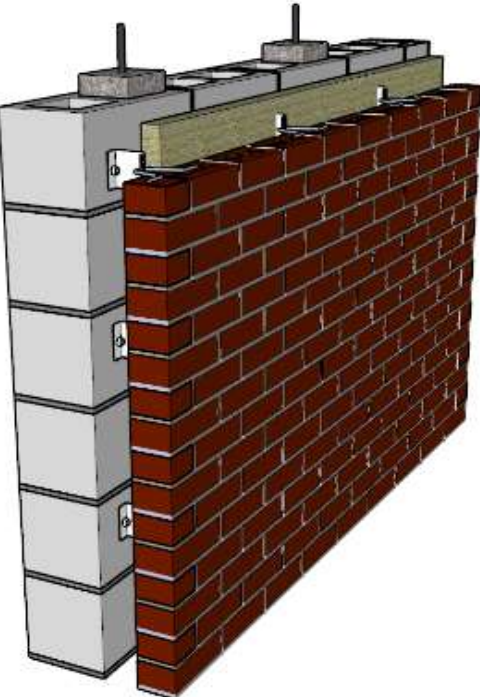
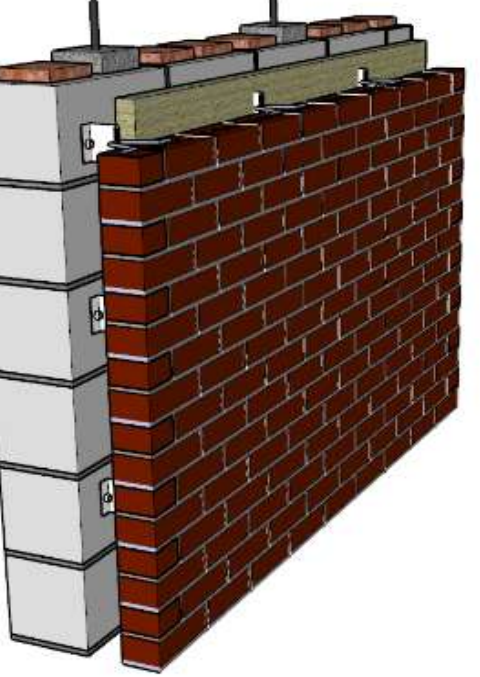
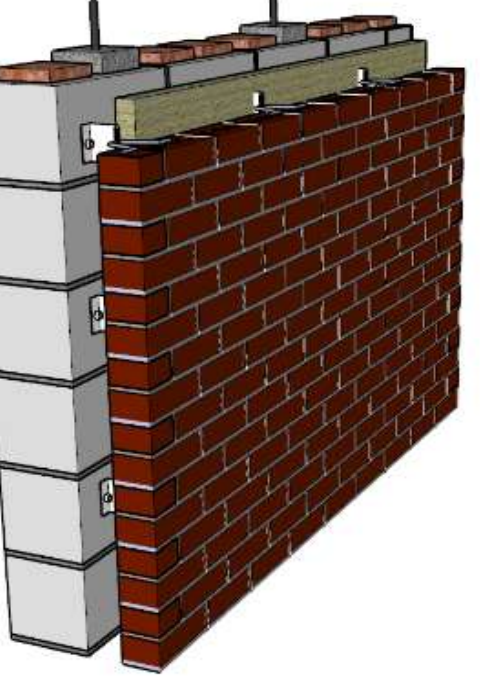
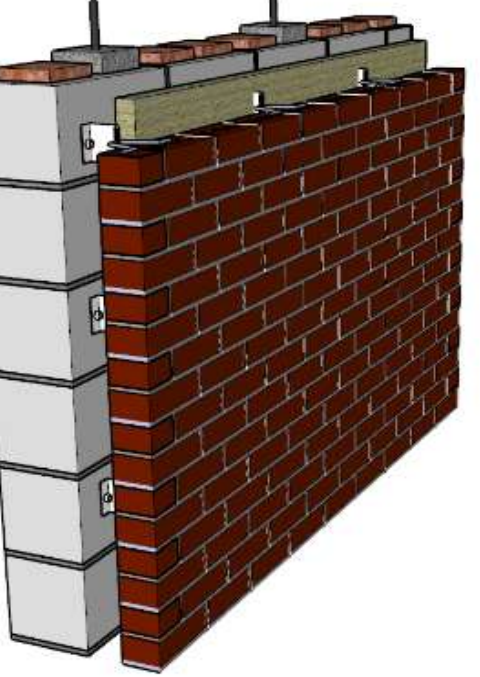
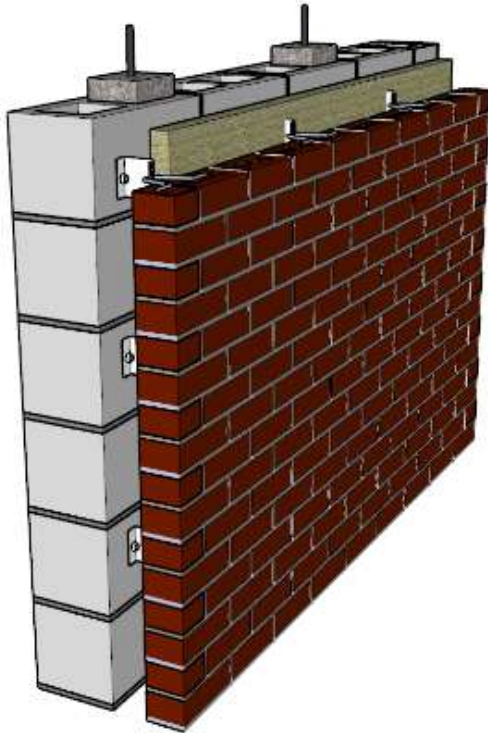
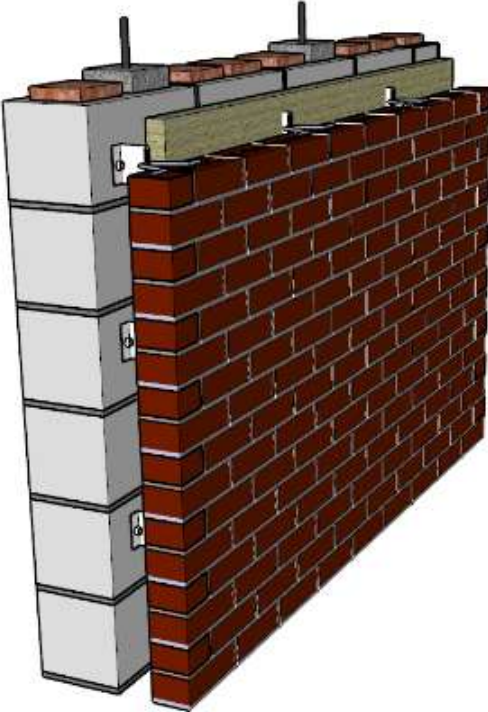


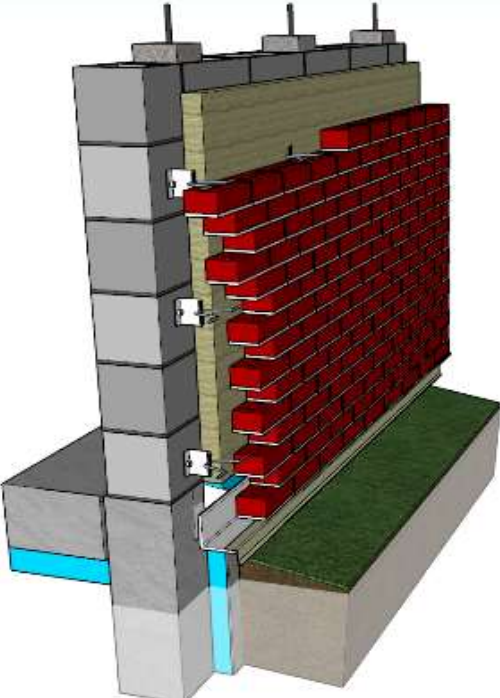
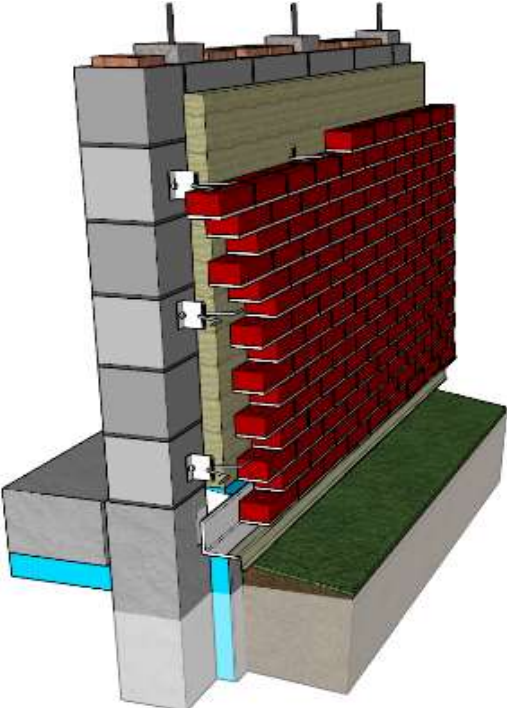
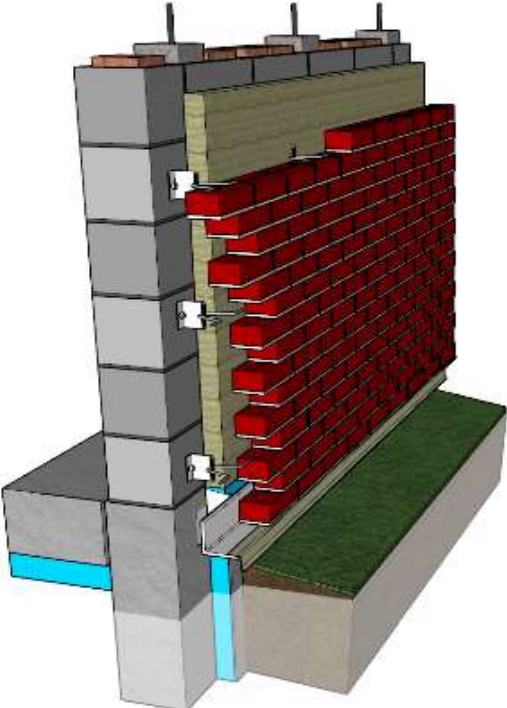
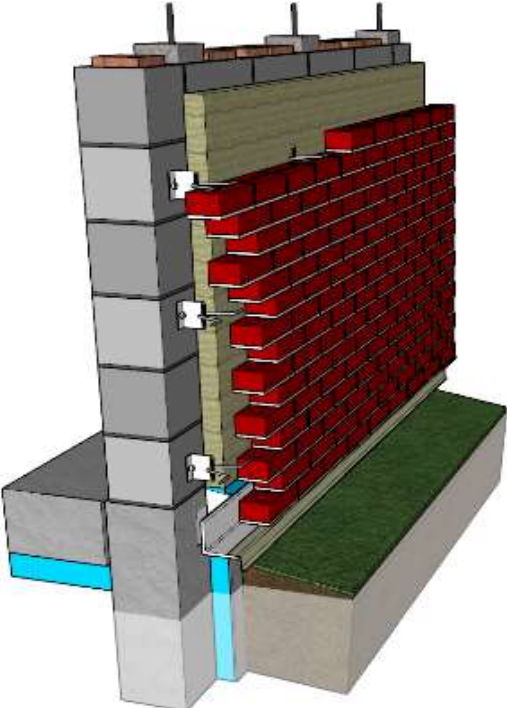
MASONRY ASSEMBLY THERMAL CATALOG – Brick Veneer Concrete Block Unit (BVCU)

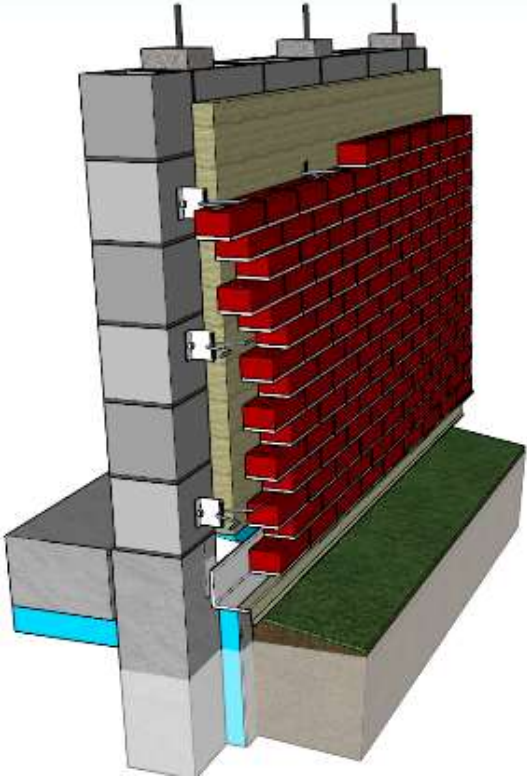
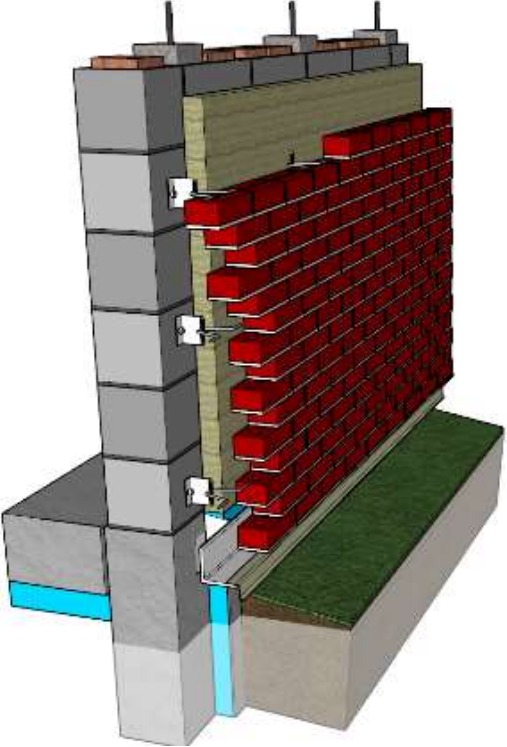


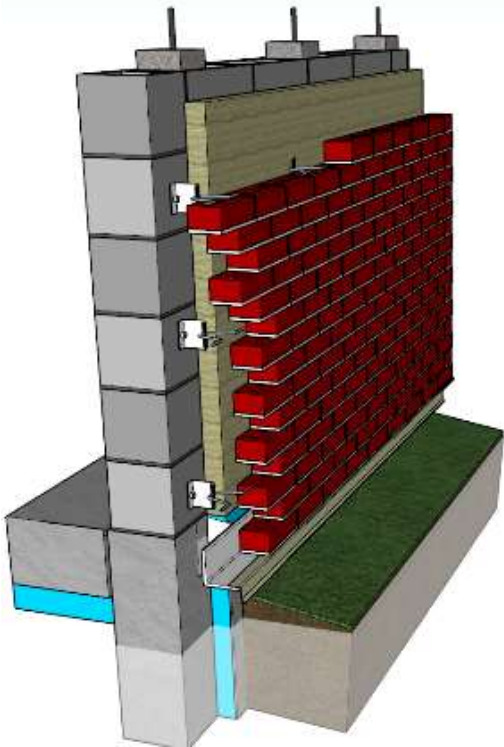
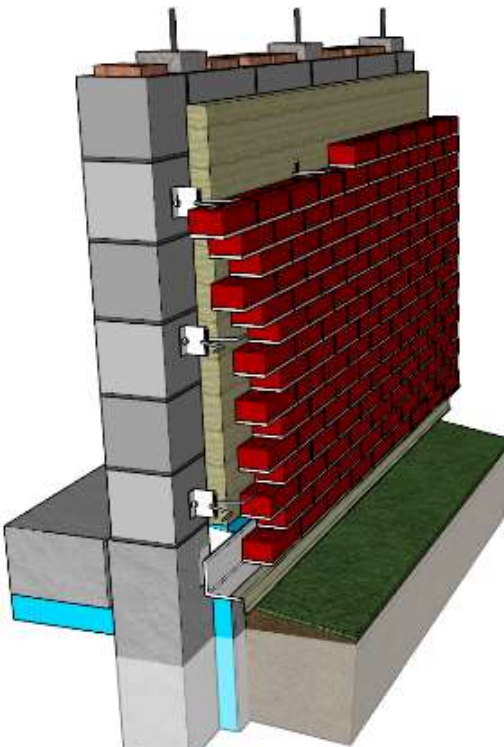
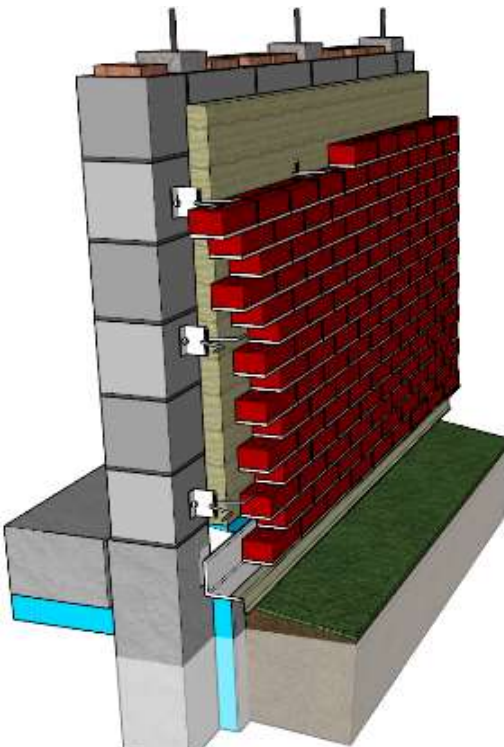
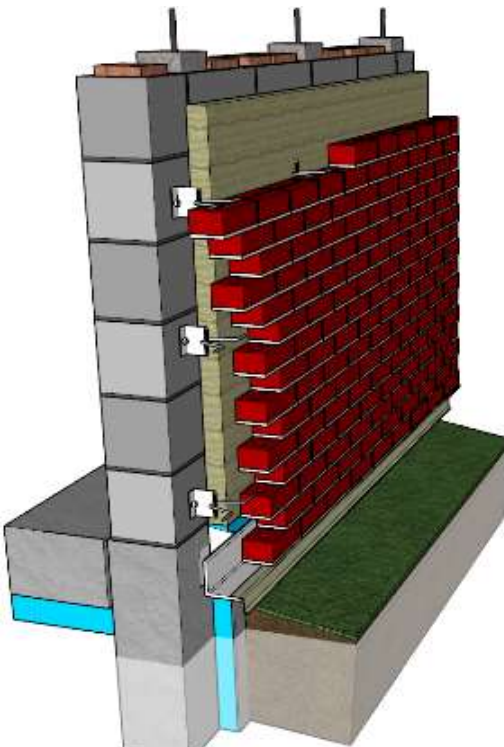
20cm Block Brick - Clear Wall	20cm Empty Cores	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nominal Resistance RSI used in model (m ² K/W)	Exterior Insulation (R-value)	Effective U _o (W/m ² K)	Effective Wall (R-value)
	90 mm (4") Brick veneer 20cm (8") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.6111	9.3
		Brick Veneer	1.39	0.72	10	0.3980	14.3
		Air Gap	6.25	0.16	15	0.2930	19.4
		Exterior Insulation	varies	varies	20	0.2400	23.7
		Surface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.1989	28.6
					30	0.1653	34.4
		Lightweight concrete block	2.00	0.50	35	0.1475	38.5
		Interior Film	6.25	0.16	40	0.1325	42.9
					45	0.1193	47.6
					50	0.1075	52.8
	90 mm (4") Brick veneer 20cm (8") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Hollow Filled cores / meter	Exterior Film	33.33	0.03	5	0.6459	8.8
		Brick Veneer	1.39	0.72	10	0.4331	13.1
		Air Gap	6.25	0.16	15	0.3282	17.3
		Exterior Insulation	varies	varies	20	0.2749	20.7
		Embedded Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.2329	24.4
					30	0.1979	28.7
		Lightweight concrete block	2.00	0.5	35	0.1795	31.6
		Interior Film	6.25	0.16	40	0.1636	34.7
					45	0.1495	38.0
					50	0.1366	41.6
	90 mm (4") Brick veneer 20cm (8") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.5118	11.1
		Brick Veneer	1.39	0.72	10	0.3517	16.1
		Air Gap	6.25	0.16	15	0.2665	21.3
		Exterior Insulation	varies	varies	20	0.2211	25.7
		Surface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.1856	30.6
					30	0.1562	36.3
		Lightweight concrete block	2.00	0.5	35	0.1393	40.8
		Interior Film	6.25	0.16	40	0.1255	45.2
					45	0.1133	50.1
					50	0.1024	55.5
	90 mm (4") Brick veneer 20cm (8") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.5410	10.5
		Brick Veneer	1.39	0.72	10	0.3827	14.8
		Air Gap	6.25	0.16	15	0.2985	19.0
		Exterior Insulation	varies	varies	20	0.2532	22.4
		Embedded Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.2173	26.1
					30	0.1870	30.4
		Lightweight concrete block	2.00	0.5	35	0.1695	33.5
		Interior Film	6.25	0.16	40	0.1550	36.6
					45	0.1420	40.0
					50	0.1302	43.6

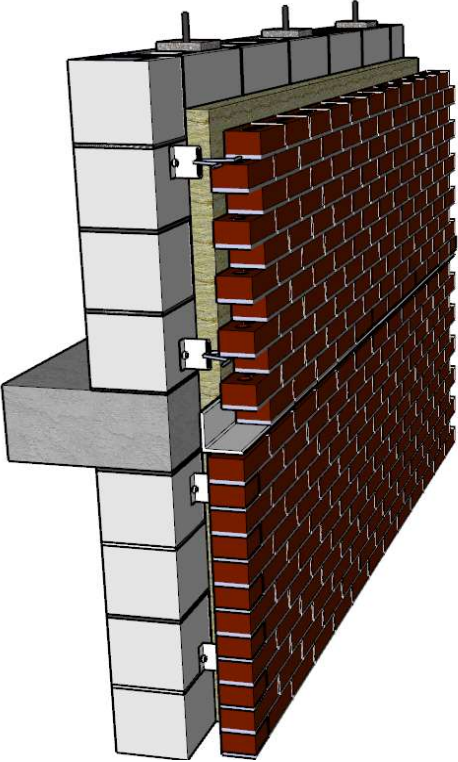
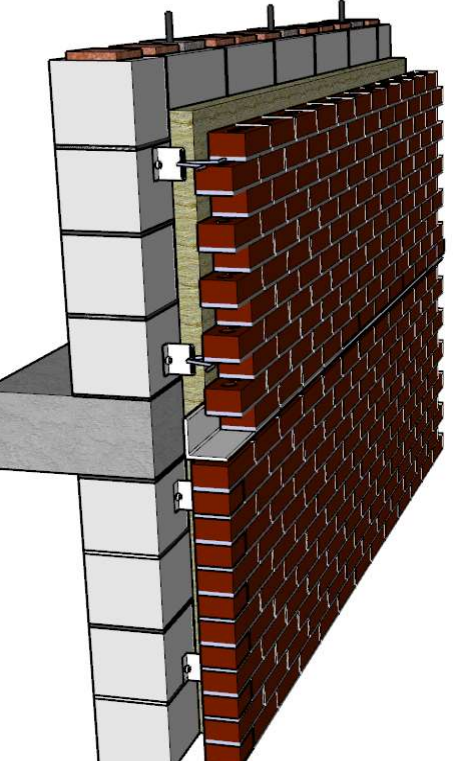
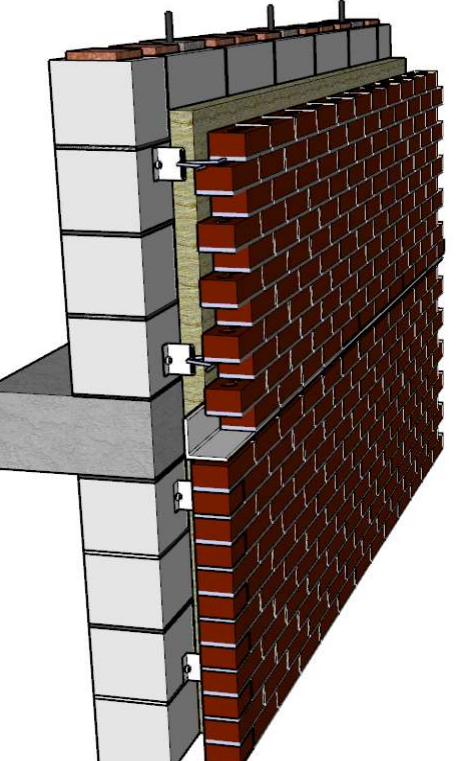
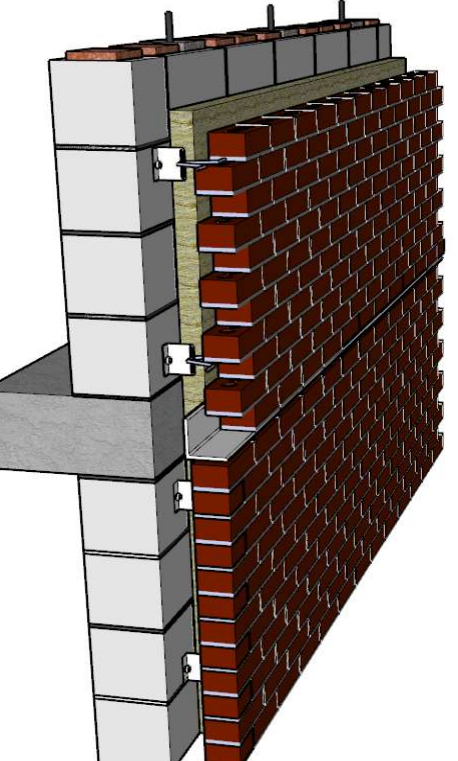
25cm Block Brick - Clear Wall	Wall Description	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nominal Resistance RSI used in model (m ² K/W)	Exterior Insulation (R-value)	Effective U _o (W/m ² K)	Effective Wall (R-value)
	90 mm (4") Brick veneer 25cm (8") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.6007	9.5
		Brick Veneer	1.39	0.72	10	0.3912	14.5
		Air Gap	6.25	0.16	15	0.2880	19.7
		Exterior Insulation	varies	varies	20	0.2359	24.1
		Suface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.1955	29.0
					30	0.1625	34.9
		Lightweight concrete block	2.00	0.50	35	0.1449	39.2
		Interior Film	6.25	0.16	40	0.1302	43.6
	90 mm (4") Brick veneer 25cm (8") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter				45	0.1172	48.4
					50	0.1056	53.8
		Exterior Film	33.33	0.03	5	0.6349	8.9
		Brick Veneer	1.39	0.72	10	0.4258	13.3
		Air Gap	6.25	0.16	15	0.3226	17.6
		Exterior Insulation	varies	varies	20	0.2702	21.0
		Embedded Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.2289	24.8
					30	0.1945	29.2
	90 mm (4") Brick veneer 25cm (8") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.5031	11.3
		Brick Veneer	1.39	0.72	10	0.3457	16.4
		Air Gap	6.25	0.16	15	0.2620	21.7
		Exterior Insulation	varies	varies	20	0.2174	26.1
		Suface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.1824	31.1
					30	0.1536	37.0
		Lightweight concrete block	2.00	0.5	35	0.1369	41.5
		Interior Film	6.25	0.16	40	0.1234	46.0
	90 mm (4") Brick veneer 25cm (8") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter				45	0.1114	51.0
					50	0.1007	56.4
		Exterior Film	33.33	0.03	5	0.5318	10.7
		Brick Veneer	1.39	0.72	10	0.3762	15.1
		Air Gap	6.25	0.16	15	0.2935	19.3
		Exterior Insulation	varies	varies	20	0.2489	22.8
		Embedded Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.2136	26.6
					30	0.1839	30.9
90 mm (4") Brick veneer 25cm (8") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Lightweight concrete block	2.00	0.5	35	0.1667	34.1	
	Interior Film	6.25	0.16	40	0.1524	37.3	
				45	0.1396	40.7	
				50	0.1280	44.4	

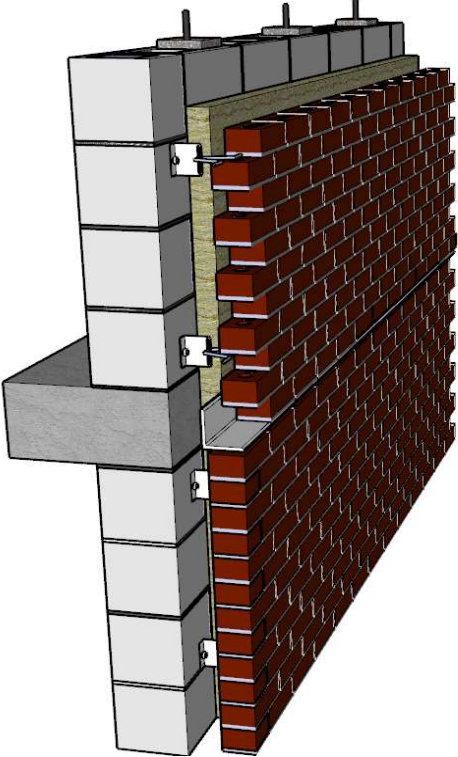
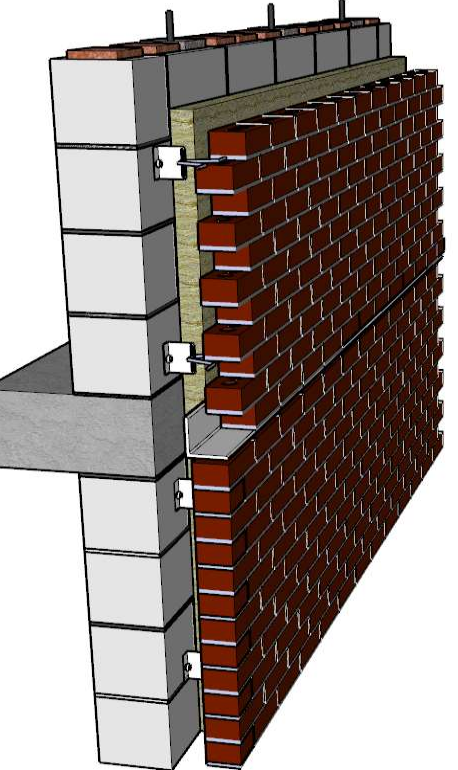
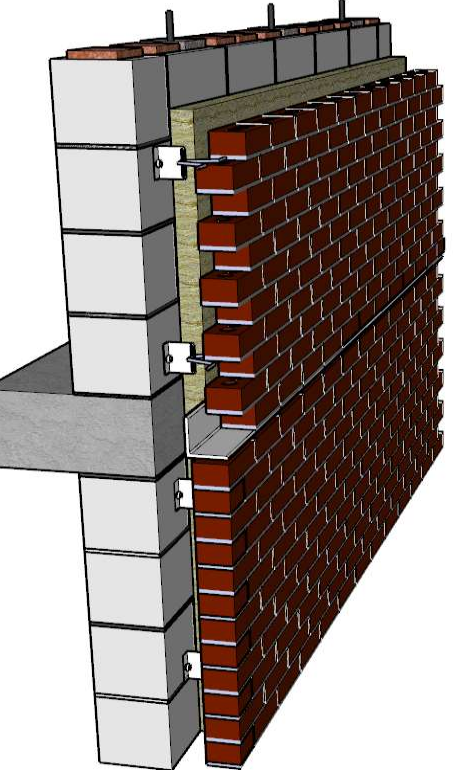
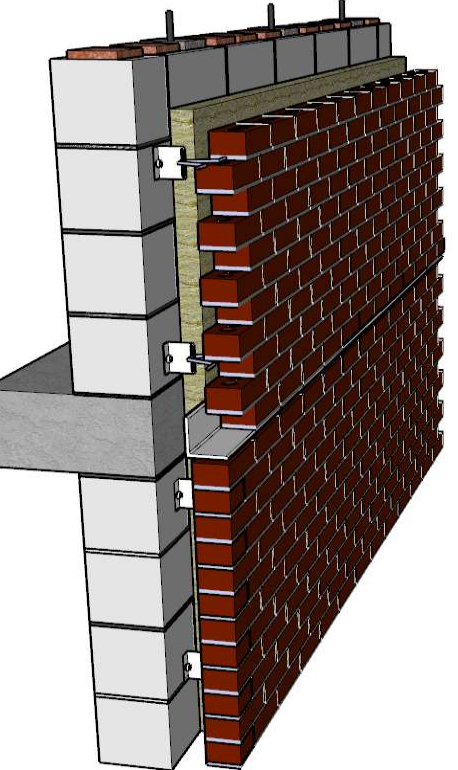
30cm Block Brick - Clear Wall	Wall Description	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nominal Resistance RSI used in model (m ² K/W)	Exterior Insulation (R-value)	Effective U _o (W/m ² K)	Effective Wall (R-value)
	90 mm (4") Brick veneer 30cm (8") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.5750	9.9
		Brick Veneer	1.39	0.72	10	0.3745	15.2
		Air Gap	6.25	0.16	15	0.2757	20.6
		Exterior Insulation	varies	varies	20	0.2258	25.1
		Suface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.1871	30.3
					30	0.1555	36.5
		Lightweight concrete block	2.00	0.50	35	0.1388	40.9
		Interior Film	6.25	0.16	40	0.1247	45.5
					45	0.1122	50.6
					50	0.1011	56.2
	90 mm (4") Brick veneer 30cm (8") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.6077	9.3
		Brick Veneer	1.39	0.72	10	0.4076	13.9
		Air Gap	6.25	0.16	15	0.3089	18.4
		Exterior Insulation	varies	varies	20	0.2586	22.0
		Embedded Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.2191	25.9
					30	0.1862	30.5
		Lightweight concrete block	2.00	0.5	35	0.1689	33.6
		Interior Film	6.25	0.16	40	0.1540	36.9
					45	0.1406	40.4
					50	0.1286	44.2
	90 mm (4") Brick veneer 30cm (8") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.4816	11.8
		Brick Veneer	1.39	0.72	10	0.3309	17.2
		Air Gap	6.25	0.16	15	0.2508	22.6
		Exterior Insulation	varies	varies	20	0.2081	27.3
		Suface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.1746	32.5
					30	0.1470	38.6
		Lightweight concrete block	2.00	0.5	35	0.1311	43.3
		Interior Film	6.25	0.16	40	0.1181	48.1
					45	0.1066	53.2
					50	0.0964	58.9
	90 mm (4") Brick veneer 30cm (8") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.5090	11.2
		Brick Veneer	1.39	0.72	10	0.3602	15.8
		Air Gap	6.25	0.16	15	0.2809	20.2
		Exterior Insulation	varies	varies	20	0.2383	23.8
		Embedded Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.2045	27.8
					30	0.1760	32.3
		Lightweight concrete block	2.00	0.5	35	0.1595	35.6
		Interior Film	6.25	0.16	40	0.1459	38.9
					45	0.1336	42.5
					50	0.1225	46.3

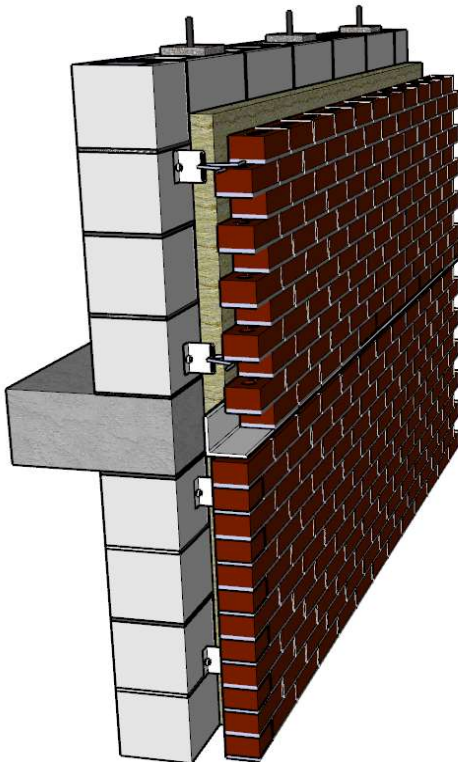
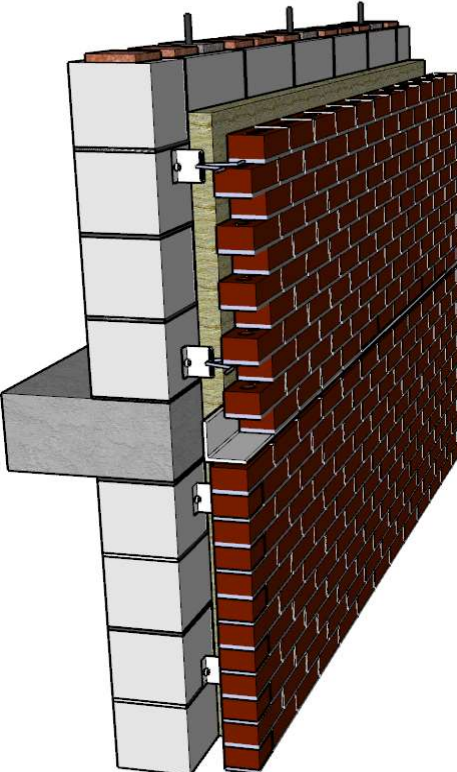
20cm Block Brick - Foundation - Linear Transition	Wall Description	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nominal Resistance RSI used in model (m ² K/W)	Exterior Insulation (R-value)	Linear Trans ψ (W/m K)
	90 mm (4") Brick veneer 20cm (8") Concrete block Hollow cores 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.114
		Brick Veneer	1.39	0.72	10	0.118
		Air Gap	6.25	0.16	15	0.120
		Exterior Insulation	varies	varies	20	0.122
		Suface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.123
					30	0.124
		Lightweight concrete block	2.00	0.50	35	0.125
		Interior Film	6.25	0.16	40	0.126
					45	0.127
					50	0.127
	90 mm (4") Brick veneer 20cm (8") Concrete block Hollow cores 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.120
		Brick Veneer	1.39	0.72	10	0.128
		Air Gap	6.25	0.16	15	0.135
		Exterior Insulation	varies	varies	20	0.140
		Embedded Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.144
					30	0.149
		Lightweight concrete block	2.00	0.5	35	0.152
		Interior Film	6.25	0.16	40	0.156
					45	0.159
					50	0.162
	90 mm (4") Brick veneer 20cm (8") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.095
		Brick Veneer	1.39	0.72	10	0.104
		Air Gap	6.25	0.16	15	0.109
		Exterior Insulation	varies	varies	20	0.112
		Suface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.115
					30	0.117
		Lightweight concrete block	2.00	0.5	35	0.118
		Interior Film	6.25	0.16	40	0.119
					45	0.120
					50	0.121
	90 mm (4") Brick veneer 20cm (8") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.101
		Brick Veneer	1.39	0.72	10	0.113
		Air Gap	6.25	0.16	15	0.122
		Exterior Insulation	varies	varies	20	0.129
		Embedded Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.135
					30	0.141
		Lightweight concrete block	2.00	0.5	35	0.144
		Interior Film	6.25	0.16	40	0.147
					45	0.151
					50	0.154

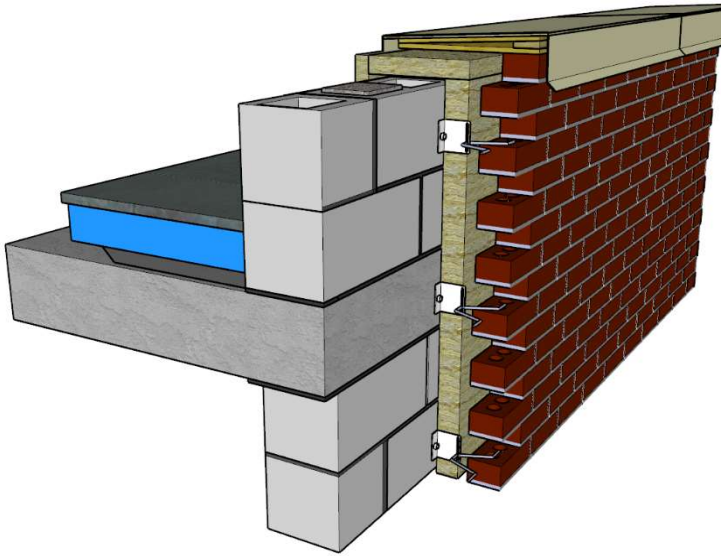
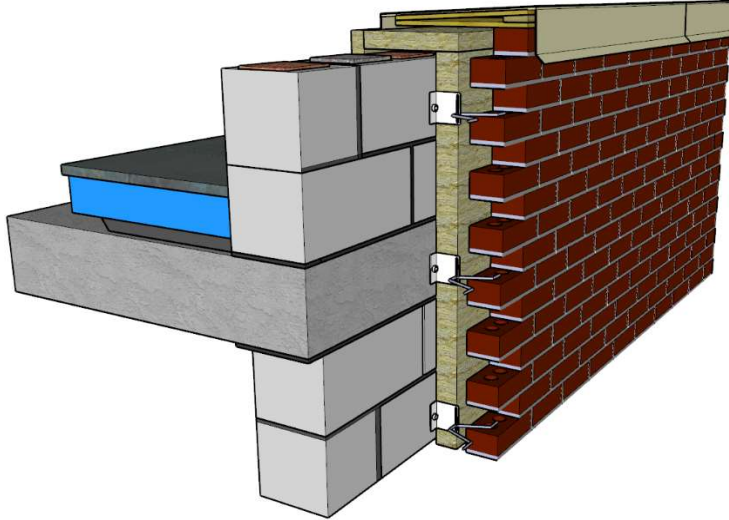
25cm Block Brick - Foundation - Linear Transition	Wall Description	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nominal Resistance RSI used in model (m ² K/W)	Exterior Insulation (R-value)	Linear Trans ψ (W/m K)
	90 mm (4") Brick veneer 25cm (10") Concrete block Hollow cores 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.112
		Brick Veneer	1.39	0.72	10	0.116
		Air Gap	6.25	0.16	15	0.118
		Exterior Insulation	varies	varies	20	0.120
		Suface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.121
					30	0.122
		Lightweight concrete block	2.00	0.50	35	0.123
		Interior Film	6.25	0.16	40	0.124
					45	0.125
					50	0.125
		Exterior Film	33.33	0.03	5	0.118
		Brick Veneer	1.39	0.72	10	0.126
		Air Gap	6.25	0.16	15	0.132
		Exterior Insulation	varies	varies	20	0.137
	90 mm (4") Brick veneer 25cm (10") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.094
		Brick Veneer	1.39	0.72	10	0.102
		Air Gap	6.25	0.16	15	0.107
		Exterior Insulation	varies	varies	20	0.110
		Suface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.113
					30	0.115
		Lightweight concrete block	2.00	0.5	35	0.116
		Interior Film	6.25	0.16	40	0.117
					45	0.118
					50	0.119
		Exterior Film	33.33	0.03	5	0.099
		Brick Veneer	1.39	0.72	10	0.111
		Air Gap	6.25	0.16	15	0.120
		Exterior Insulation	varies	varies	20	0.126
		Embedded Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.132
					30	0.138
		Lightweight concrete block	2.00	0.5	35	0.142
		Interior Film	6.25	0.16	40	0.145
					45	0.148
					50	0.152

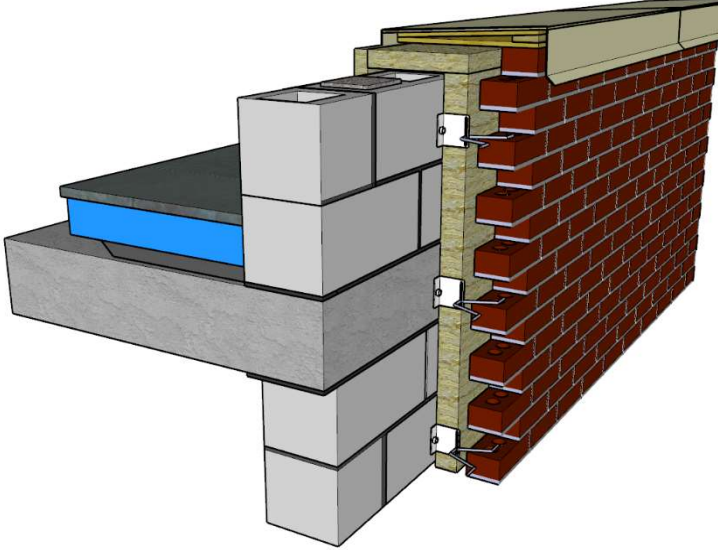
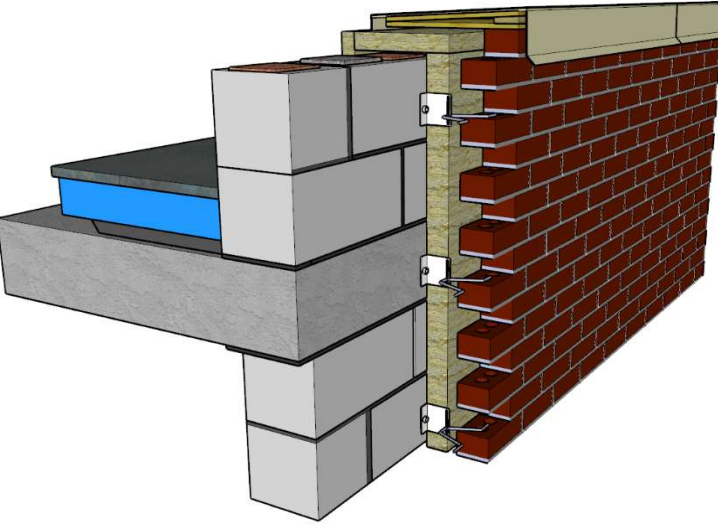
30cm Block Brick - Foundation - Linear Transition	Wall Description	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nominal Resistance RSI used in model (m ² K/W)	Exterior Insulation (R-value)	Linear Trans ψ (W/m K)
	90 mm (4") Brick veneer 30cm (12") Concrete block Hollow cores 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.107
		Brick Veneer	1.39	0.72	10	0.111
		Air Gap	6.25	0.16	15	0.113
		Exterior Insulation	varies	varies	20	0.115
		Suface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.116
					30	0.117
		Lightweight concrete block	2.00	0.50	35	0.118
		Interior Film	6.25	0.16	40	0.119
					45	0.119
					50	0.120
	90 mm (4") Brick veneer 30cm (12") Concrete block Hollow cores 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.113
		Brick Veneer	1.39	0.72	10	0.121
		Air Gap	6.25	0.16	15	0.127
		Exterior Insulation	varies	varies	20	0.131
		Embedded Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.136
					30	0.140
		Lightweight concrete block	2.00	0.5	35	0.143
		Interior Film	6.25	0.16	40	0.146
					45	0.149
					50	0.152
	90 mm (4") Brick veneer 30cm (12") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.090
		Brick Veneer	1.39	0.72	10	0.098
		Air Gap	6.25	0.16	15	0.103
		Exterior Insulation	varies	varies	20	0.106
		Suface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.108
					30	0.111
		Lightweight concrete block	2.00	0.5	35	0.111
		Interior Film	6.25	0.16	40	0.112
					45	0.113
					50	0.114
	90 mm (4") Brick veneer 30cm (12") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.095
		Brick Veneer	1.39	0.72	10	0.107
		Air Gap	6.25	0.16	15	0.115
		Exterior Insulation	varies	varies	20	0.121
		Embedded Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.127
					30	0.132
		Lightweight concrete block	2.00	0.5	35	0.135
		Interior Film	6.25	0.16	40	0.139
					45	0.142
					50	0.145

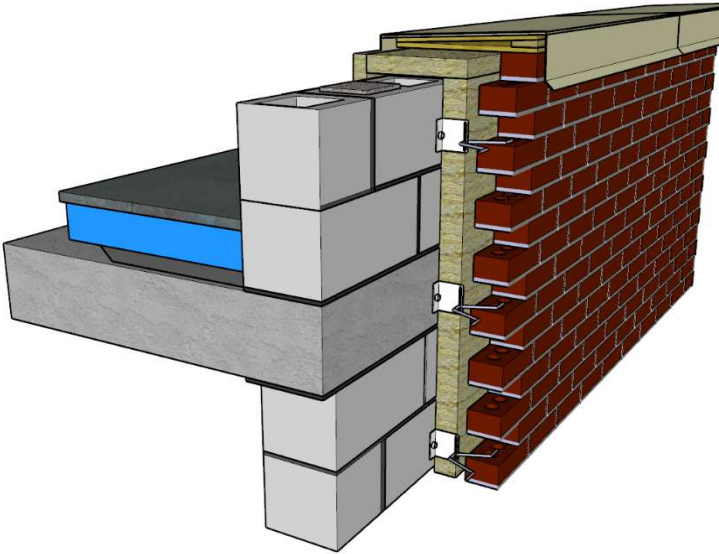
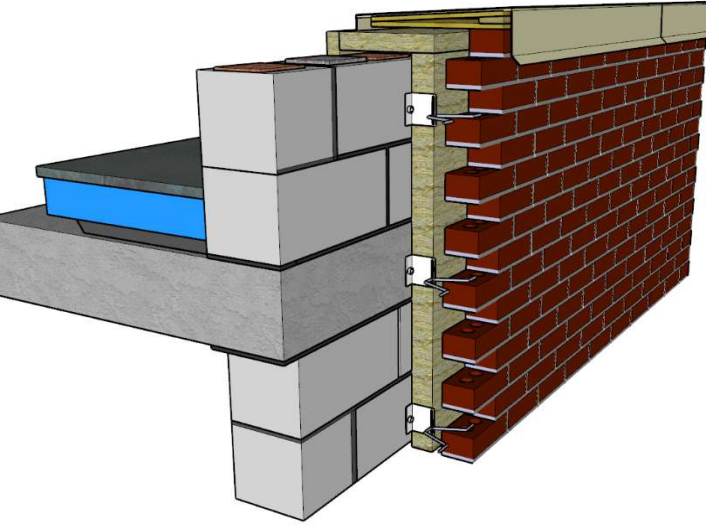
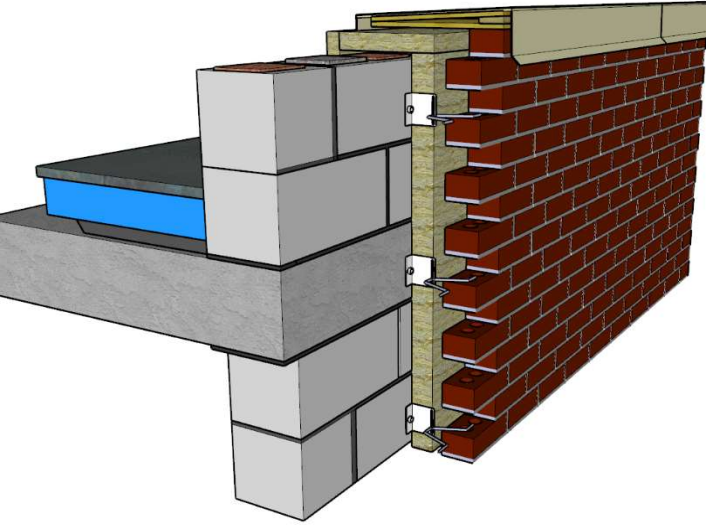
20cm Block Brick - Floor - Linear Transition	Wall Description	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nominal Resistance RSI used in model (m ² K/W)	Exterior Insulation (R-value)	Linear Trans ψ (W/m K)
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores per meter	Exterior Film	33.33	0.03	5	0.178
		Brick Veneer	1.39	0.72	10	0.149
		Air Gap	6.25	0.16	15	0.132
		Exterior Insulation	varies	varies	20	0.120
		Embedded Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.111
					30	0.104
		Lightweight concrete block	2.00	0.50	35	0.097
		Interior Film	6.25	0.16	40	0.092
					45	0.087
					50	0.083
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.188
		Brick Veneer	1.39	0.72	10	0.162
		Air Gap	6.25	0.16	15	0.148
		Exterior Insulation	varies	varies	20	0.138
		Embedded Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.130
					30	0.124
		Lightweight concrete block	2.00	0.5	35	0.118
		Interior Film	6.25	0.16	40	0.113
					45	0.109
					50	0.105
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.149
		Brick Veneer	1.39	0.72	10	0.132
		Air Gap	6.25	0.16	15	0.120
		Exterior Insulation	varies	varies	20	0.111
		Surface Mounted Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.104
					30	0.098
		Lightweight concrete block	2.00	0.5	35	0.092
		Interior Film	6.25	0.16	40	0.087
					45	0.083
					50	0.079
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.157
		Brick Veneer	1.39	0.72	10	0.143
		Air Gap	6.25	0.16	15	0.135
		Exterior Insulation	varies	varies	20	0.127
		Surface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.122
					30	0.117
		Lightweight concrete block	2.00	0.5	35	0.112
		Interior Film	6.25	0.16	40	0.107
					45	0.104
					50	0.100

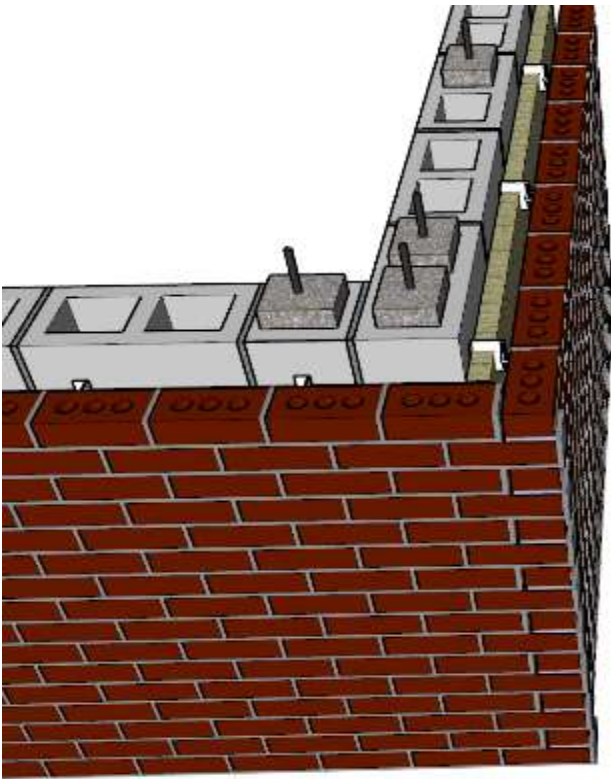
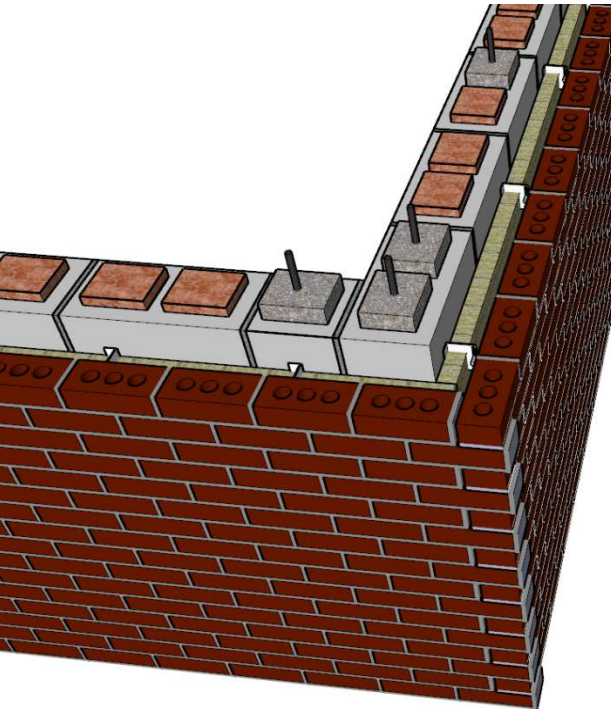
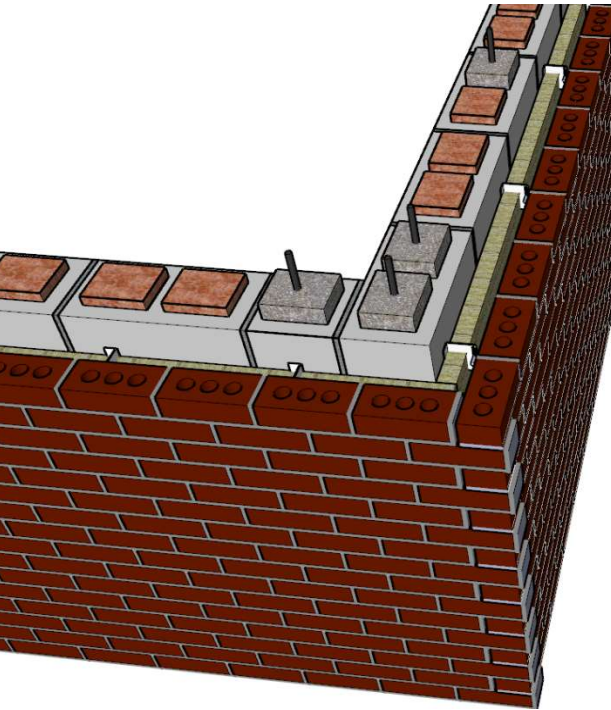
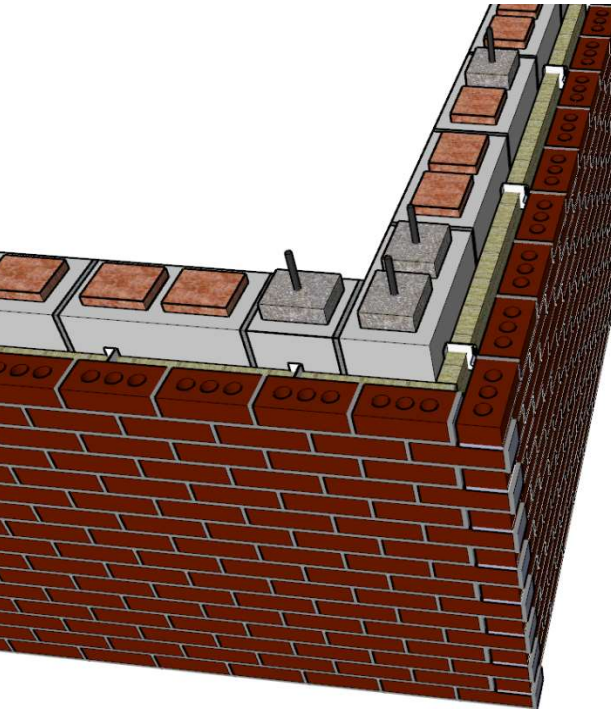
25cm Block Brick - Floor - Linear Transition	Wall Description	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nominal Resistance RSI used in model (m² K/W)	Exterior Insulation (R-value)	Linear Trans ψ (W/m K)
	90 mm (4") Brick veneer 25cm (10") Concrete block Hollow cores 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.175
		Brick Veneer	1.39	0.72	10	0.147
		Air Gap	6.25	0.16	15	0.130
		Exterior Insulation	varies	varies	20	0.118
		Surface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.109
					30	0.102
		Lightweight concrete block	2.00	0.50	35	0.096
		Interior Film	6.25	0.16	40	0.090
					45	0.085
					50	0.081
	90 mm (4") Brick veneer 25cm (10") Concrete block Hollow cores 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.185
		Brick Veneer	1.39	0.72	10	0.159
		Air Gap	6.25	0.16	15	0.146
		Exterior Insulation	varies	varies	20	0.136
		Embedded Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.128
					30	0.122
		Lightweight concrete block	2.00	0.5	35	0.116
		Interior Film	6.25	0.16	40	0.111
					45	0.107
					50	0.103
	90 mm (4") Brick veneer 25cm (10") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.146
		Brick Veneer	1.39	0.72	10	0.129
		Air Gap	6.25	0.16	15	0.118
		Exterior Insulation	varies	varies	20	0.109
		Surface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.102
					30	0.096
		Lightweight concrete block	2.00	0.5	35	0.090
		Interior Film	6.25	0.16	40	0.085
					45	0.081
					50	0.077
	90 mm (4") Brick veneer 25cm (10") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.155
		Brick Veneer	1.39	0.72	10	0.141
		Air Gap	6.25	0.16	15	0.133
		Exterior Insulation	varies	varies	20	0.125
		Embedded Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.119
					30	0.115
		Lightweight concrete block	2.00	0.5	35	0.110
		Interior Film	6.25	0.16	40	0.106
					45	0.102
					50	0.098

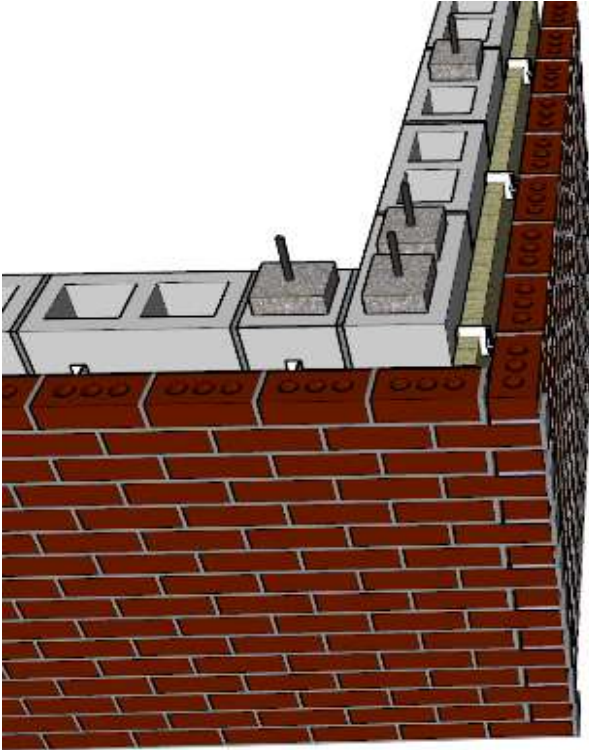
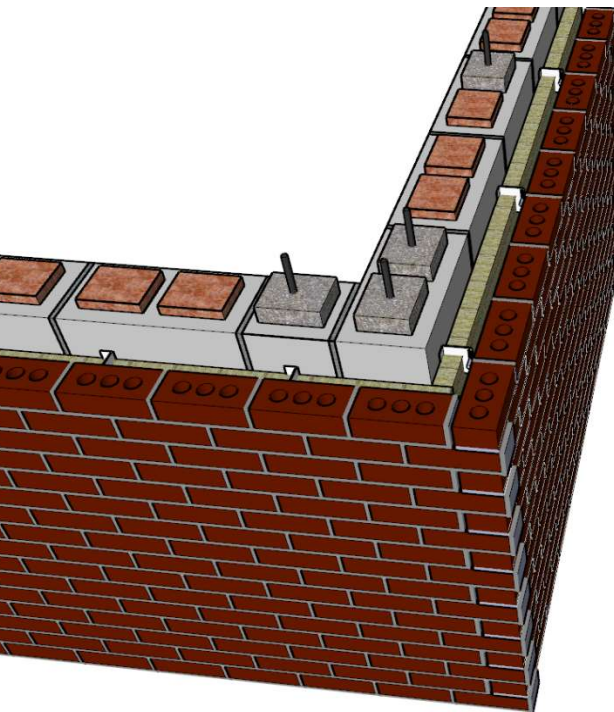
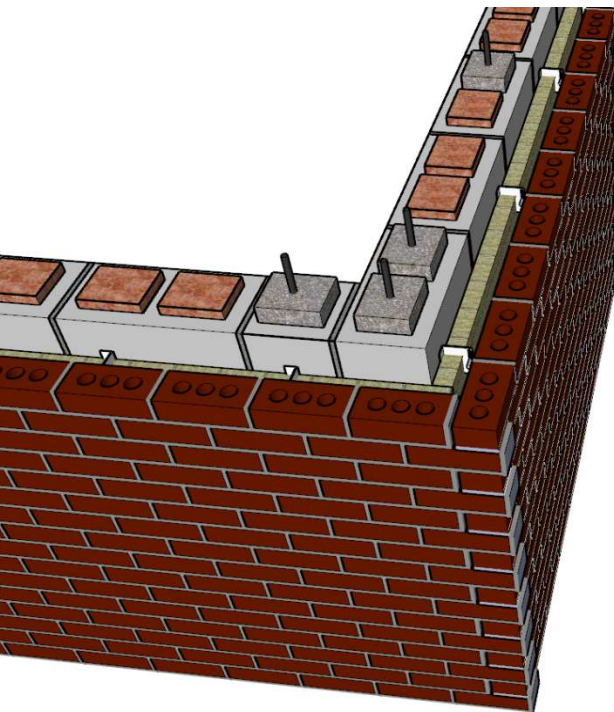
30cm Block Brick - Floor - Linear Transition	Wall Description	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nominal Resistance RSI used in model (m ² K/W)	Exterior Insulation (R-value)	Linear Trans ψ (W/m K)
	90 mm (4") Brick veneer 30cm (12") Concrete block Hollow cores 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.167
		Brick Veneer	1.39	0.72	10	0.140
		Air Gap	6.25	0.16	15	0.125
		Exterior Insulation	varies	varies	20	0.113
		Surface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.105
					30	0.098
					35	0.092
		Lightweight concrete block	2.00	0.50	40	0.086
		Interior Film	6.25	0.16	45	0.082
					50	0.078
		Exterior Film	33.33	0.03	5	0.177
		Brick Veneer	1.39	0.72	10	0.153
		Air Gap	6.25	0.16	15	0.139
		Exterior Insulation	varies	varies	20	0.130
		Embedded Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.123
					30	0.117
					35	0.111
		Lightweight concrete block	2.00	0.5	40	0.107
		Interior Film	6.25	0.16	45	0.103
					50	0.099
	90 mm (4") Brick veneer 30cm (12") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.140
		Brick Veneer	1.39	0.72	10	0.124
		Air Gap	6.25	0.16	15	0.113
		Exterior Insulation	varies	varies	20	0.104
		Surface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.098
					30	0.092
					35	0.086
		Lightweight concrete block	2.00	0.5	40	0.082
		Interior Film	6.25	0.16	45	0.078
					50	0.074
		Exterior Film	33.33	0.03	5	0.148
		Brick Veneer	1.39	0.72	10	0.135
		Air Gap	6.25	0.16	15	0.127
		Exterior Insulation	varies	varies	20	0.120
		Embedded Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.114
					30	0.110
					35	0.105
		Lightweight concrete block	2.00	0.5	40	0.101
		Interior Film	6.25	0.16	45	0.097
					50	0.094

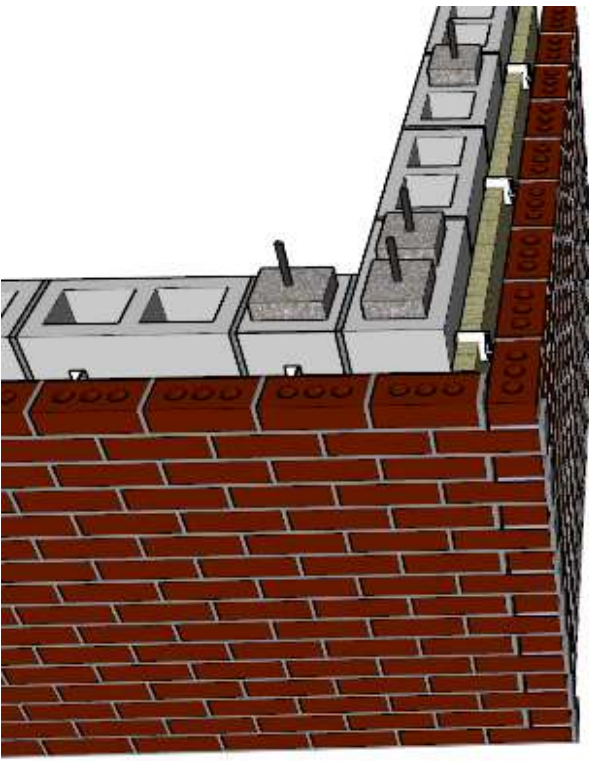
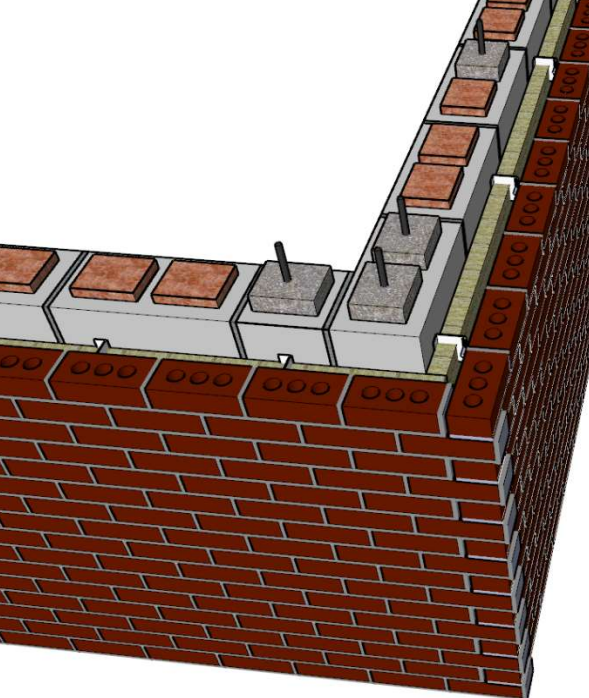
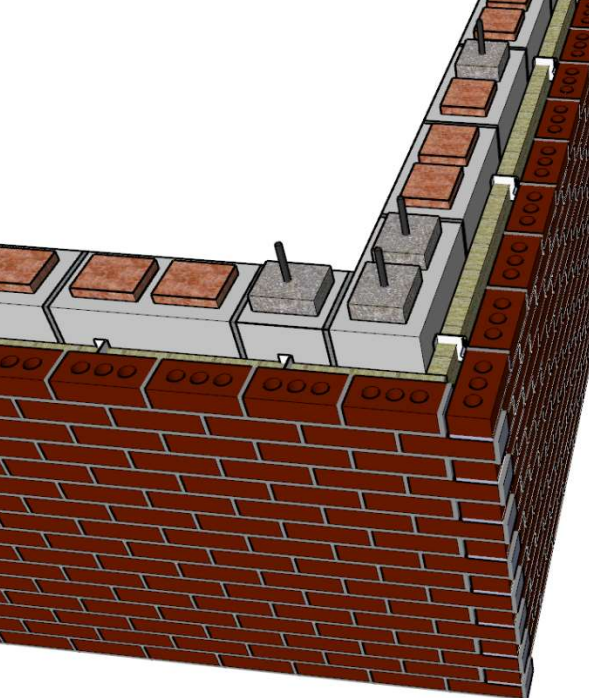
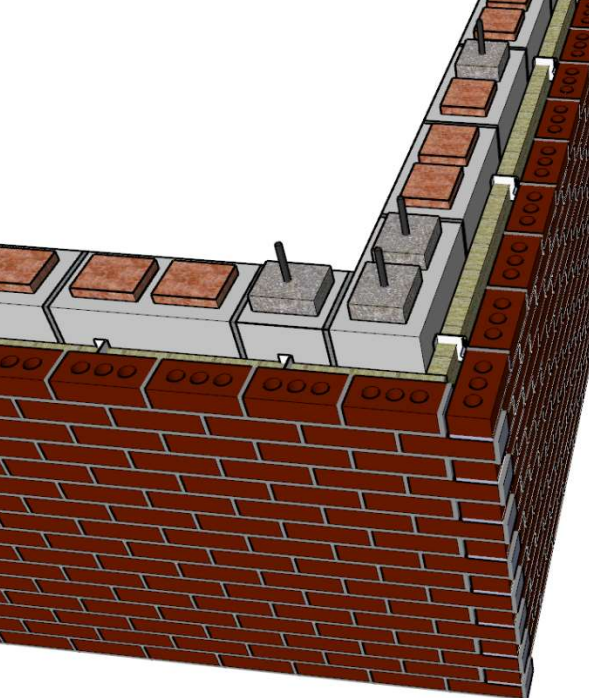
20cm Block Brick - Roof - Linear Transition	Wall Description	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nominal Resistance RSI used in model (m ² K/W)	Exterior Insulation (R-value)	Linear Trans ψ (W/m K)
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.012
		Brick Veneer	1.39	0.72	10	0.062
		Air Gap	6.25	0.16	15	0.091
		Exterior Insulation	varies	varies	20	0.112
		Surface Mounted Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.128
					30	0.141
		Lightweight concrete block	2.00	0.50	35	0.152
		Interior Film	6.25	0.16	40	0.161
					45	0.170
					50	0.177
		Exterior Film	33.33	0.03	5	0.013
		Brick Veneer	1.39	0.72	10	0.067
		Air Gap	6.25	0.16	15	0.102
		Exterior Insulation	varies	varies	20	0.128
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Embedded Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.149
					30	0.168
		Lightweight concrete block	2.00	0.5	35	0.185
		Interior Film	6.25	0.16	40	0.199
					45	0.212
					50	0.225
		Exterior Film	33.33	0.03	5	0.010
		Brick Veneer	1.39	0.72	10	0.055
		Air Gap	6.25	0.16	15	0.083
		Exterior Insulation	varies	varies	20	0.103
		Surface Mounted Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.119
					30	0.133
		Lightweight concrete block	2.00	0.5	35	0.143
		Interior Film	6.25	0.16	40	0.153
					45	0.161
					50	0.169
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.011
		Brick Veneer	1.39	0.72	10	0.060
		Air Gap	6.25	0.16	15	0.093
		Exterior Insulation	varies	varies	20	0.118
		Embedded Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.139
					30	0.159
		Lightweight concrete block	2.00	0.5	35	0.174
		Interior Film	6.25	0.16	40	0.189
					45	0.202
					50	0.215

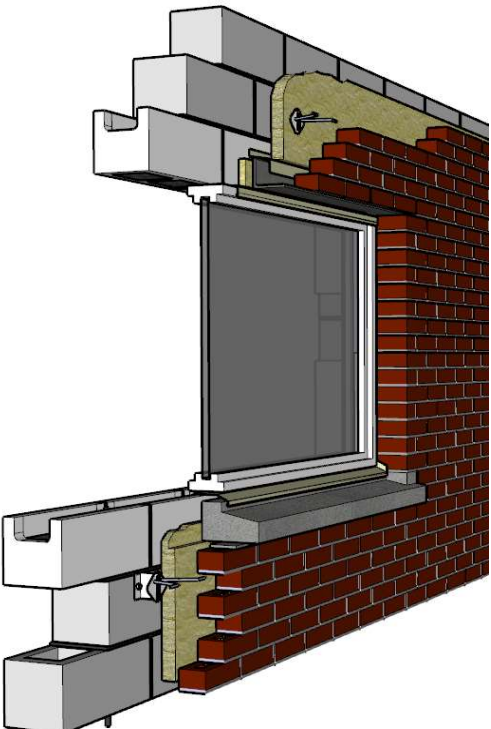
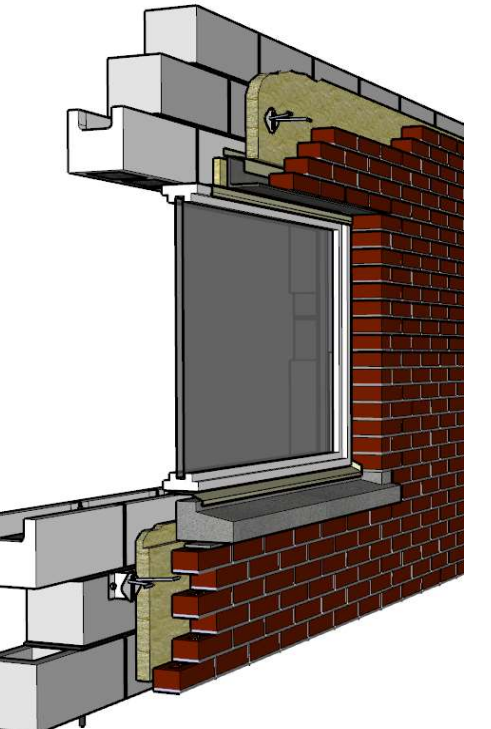
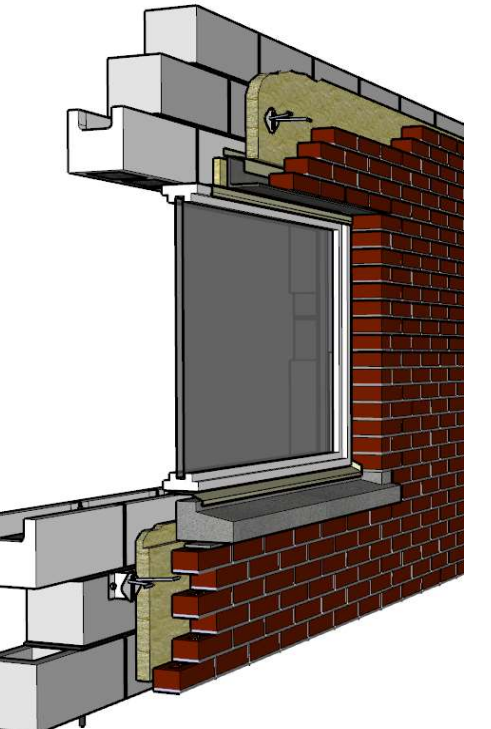
25cm Block Brick - Roof - Linear Transition	Wall Description	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nominal Resistance RSI used in model (m ² K/W)	Exterior Insulation (R-value)	Linear Trans ψ (W/m K)
	90 mm (4") Brick veneer 25cm (10") Concrete block Hollow cores 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.012
		Brick Veneer	1.39	0.72	10	0.061
		Air Gap	6.25	0.16	15	0.089
		Exterior Insulation	varies	varies	20	0.110
		Surface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.125
					30	0.138
					35	0.149
		Lightweight concrete block	2.00	0.50	40	0.158
		Interior Film	6.25	0.16	45	0.167
					50	0.174
		Exterior Film	33.33	0.03	5	0.013
		Brick Veneer	1.39	0.72	10	0.066
		Air Gap	6.25	0.16	15	0.100
		Exterior Insulation	varies	varies	20	0.126
	90 mm (4") Brick veneer 25cm (10") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.010
		Brick Veneer	1.39	0.72	10	0.054
		Air Gap	6.25	0.16	15	0.081
		Exterior Insulation	varies	varies	20	0.101
		Surface Mounted Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.117
					30	0.131
					35	0.141
		Lightweight concrete block	2.00	0.5	40	0.150
		Interior Film	6.25	0.16	45	0.158
					50	0.166
		Exterior Film	33.33	0.03	5	0.011
		Brick Veneer	1.39	0.72	10	0.059
		Air Gap	6.25	0.16	15	0.091
		Exterior Insulation	varies	varies	20	0.116
		Embedded Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.137
					30	0.156
					35	0.171
		Lightweight concrete block	2.00	0.5	40	0.185
		Interior Film	6.25	0.16	45	0.198
					50	0.211

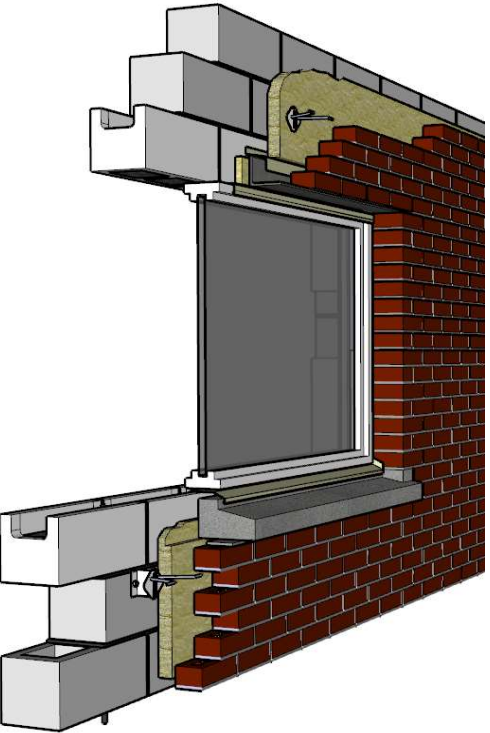
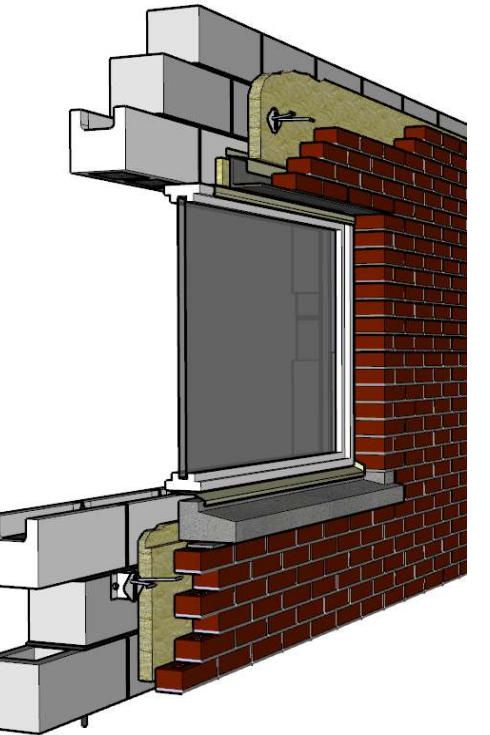
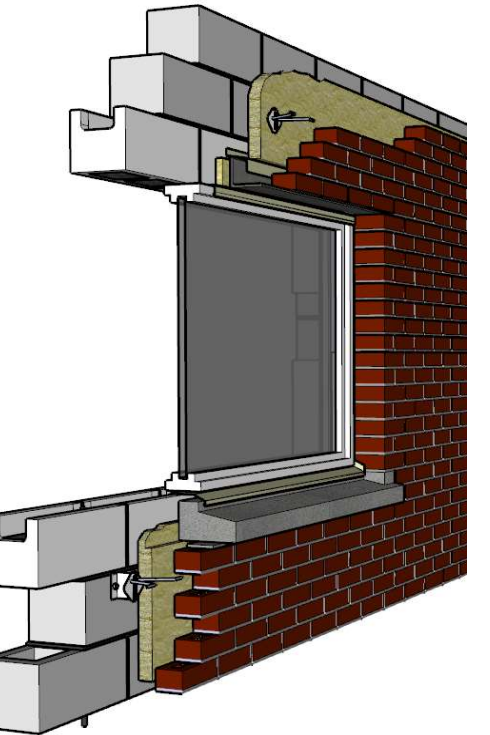
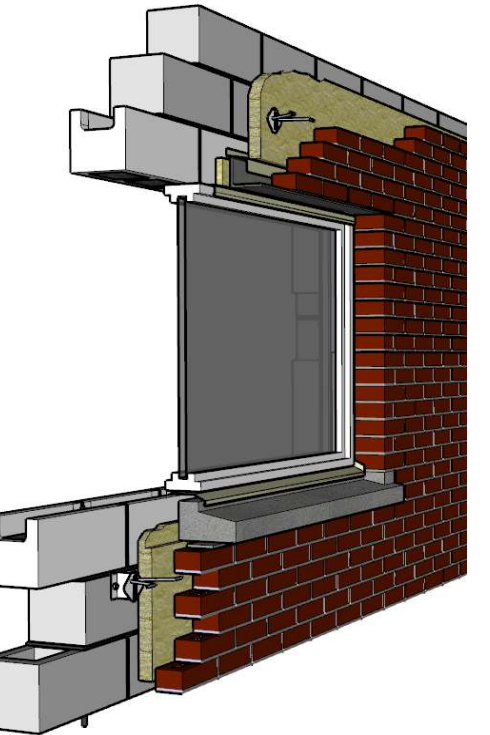
30cm Block Brick - Roof - Linear Transition	Wall Description	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nominal Resistance RSI used in model (m ² K/W)	Exterior Insulation (R-value)	Linear Trans ψ (W/m K)
	90 mm (4") Brick veneer 30cm (12") Concrete block Hollow cores 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.012
		Brick Veneer	1.39	0.72	10	0.058
		Air Gap	6.25	0.16	15	0.086
		Exterior Insulation	varies	varies	20	0.105
		Surface Mounted Masonry Ties	50.0	0.0000952	25	0.120
		at 400mm x 600mm (16" x 24 ") o.c.			30	0.132
		Lightweight concrete block	2.00	0.50	35	0.143
		Interior Film	6.25	0.16	40	0.152
					45	0.160
					50	0.167
	90 mm (4") Brick veneer 30cm (12") Concrete block Hollow cores 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.010
		Brick Veneer	1.39	0.72	10	0.052
		Air Gap	6.25	0.16	15	0.078
		Exterior Insulation	varies	varies	20	0.097
		Surface Mounted Masonry Ties	50.0	0.0000952	25	0.112
		at 400mm x 600mm (16" x 24 ") o.c.			30	0.125
		Lightweight concrete block	2.00	0.5	35	0.135
		Interior Film	6.25	0.16	40	0.144
					45	0.152
					50	0.159
	90 mm (4") Brick veneer 30cm (12") Concrete block Hollow cores 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.010
		Brick Veneer	1.39	0.72	10	0.056
		Air Gap	6.25	0.16	15	0.087
		Exterior Insulation	varies	varies	20	0.111
		Embedded Masonry Ties	50.0	0.0000952	25	0.131
		at 800mm x 600mm (32" x 24 ") o.c.			30	0.150
		Lightweight concrete block	2.00	0.5	35	0.164
		Interior Film	6.25	0.16	40	0.177
					45	0.190
					50	0.202

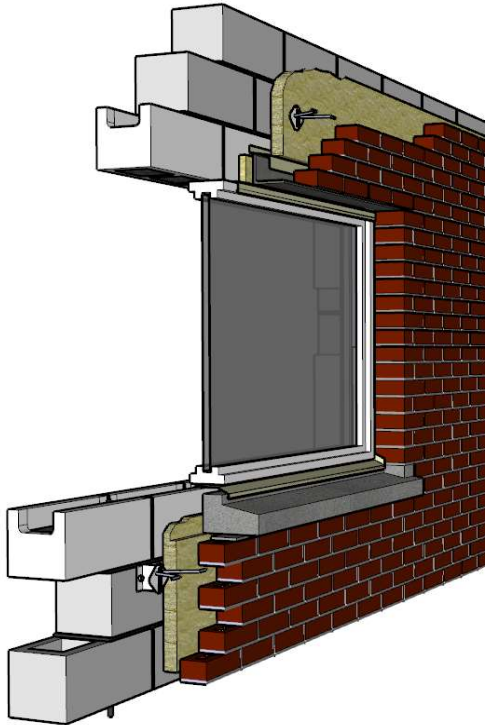
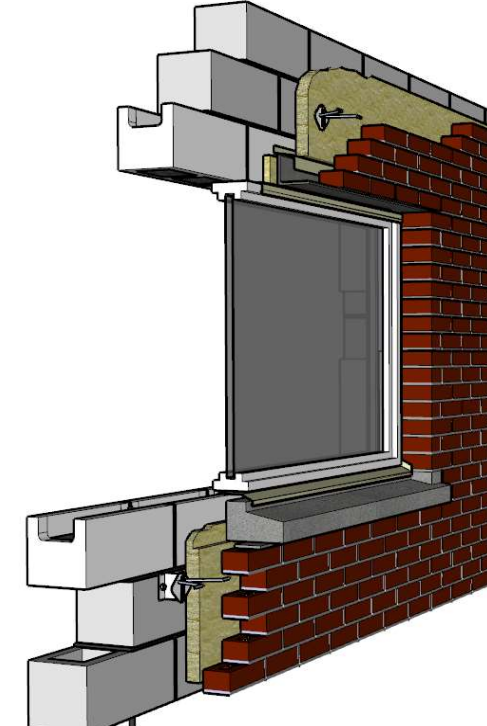
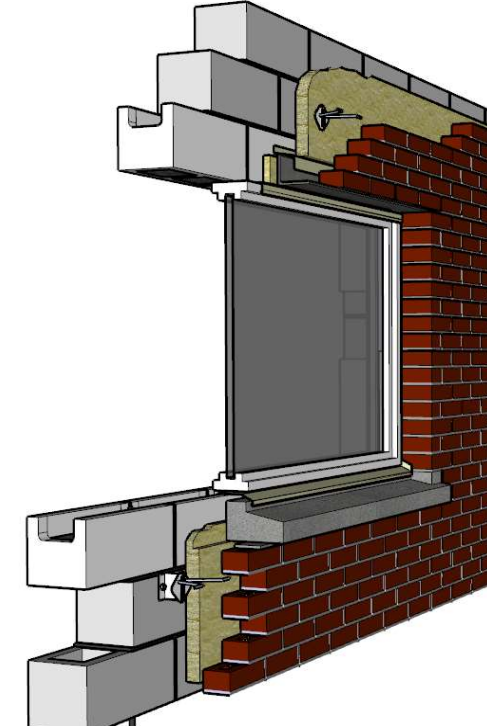
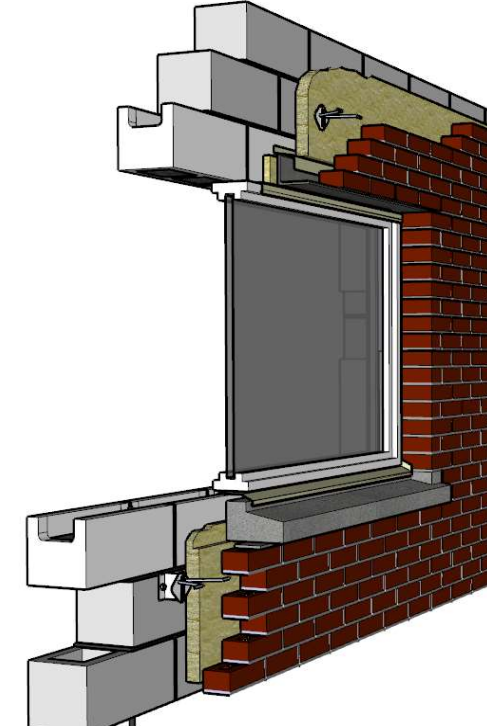
20cm Block Brick - Corner - Linear Transition	20cm No	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nominal Resistance RSI (m ² K/W)	Exterior Insulation (R-value)	Linear Trans ψ (W/m K)
	20 Surface Mounted Ties Vinyl 1 rebar/grouted core at 800 o.c. (32") 0.215563468 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.295
		Brick Veneer	1.39	0.72	10	0.193
		Air Gap	6.25	0.16	15	0.142
		Exterior Insulation	varies	varies	20	0.116
		Suface Mounted Masonry Ties	50.0	0.0000952	25	0.096
		at 800mm x 600mm (32" x 24 ") o.c.			30	0.079
		Lightweight concrete block	2.00	0.50	35	0.070
		Interior Film	6.25	0.16	40	0.063
					45	0.056
					50	0.050
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.311
		Brick Veneer	1.39	0.72	10	0.210
		Air Gap	6.25	0.16	15	0.159
		Exterior Insulation	varies	varies	20	0.133
		Embedded Masonry Ties	50.0	0.0000952	25	0.112
		at 800mm x 600mm (32" x 24 ") o.c.			30	0.095
		Lightweight concrete block	2.00	0.5	35	0.085
		Interior Film	6.25	0.16	40	0.077
					45	0.070
					50	0.064
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") (1.25 grouted cores per meter) 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.247
		Brick Veneer	1.39	0.72	10	0.171
		Air Gap	6.25	0.16	15	0.129
		Exterior Insulation	varies	varies	20	0.107
		Suface Mounted Masonry Ties	50.0	0.0000952	25	0.089
		at 800mm x 600mm (32" x 24 ") o.c.			30	0.075
		Lightweight concrete block	2.00	0.5	35	0.066
		Interior Film	6.25	0.16	40	0.059
					45	0.053
					50	0.048
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") (1.25 grouted cores per meter) 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.261
		Brick Veneer	1.39	0.72	10	0.186
		Air Gap	6.25	0.16	15	0.145
		Exterior Insulation	varies	varies	20	0.122
		Embedded Masonry Ties	50.0	0.0000952	25	0.105
		at 400mm x 600mm (16" x 24 ") o.c.			30	0.090
		Lightweight concrete block	2.00	0.5	35	0.080
		Interior Film	6.25	0.16	40	0.073
					45	0.067
					50	0.061

25cm Block Brick - Corner - Linear Transition	Wall Description	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nominal Resistance RSI used in model (m ² K/W)	Exterior Insulation (R-value)	Linear Trans ψ (W/m K)
	90 mm (4") Brick veneer 25cm (10") Concrete block Hollow cores 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.290
		Brick Veneer	1.39	0.72	10	0.190
		Air Gap	6.25	0.16	15	0.139
		Exterior Insulation	varies	varies	20	0.114
		Surface Mounted Masonry Ties	50.0	0.0000952	25	0.094
		at 400mm x 600mm (16" x 24 ") o.c.			30	0.078
		Lightweight concrete block	2.00	0.50	35	0.069
		Interior Film	6.25	0.16	40	0.062
					45	0.055
					50	0.050
	90 mm (4") Brick veneer 25cm (10") Concrete block Hollow cores 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.243
		Brick Veneer	1.39	0.72	10	0.168
		Air Gap	6.25	0.16	15	0.127
		Exterior Insulation	varies	varies	20	0.105
		Surface Mounted Masonry Ties	50.0	0.0000952	25	0.088
		at 400mm x 600mm (16" x 24 ") o.c.			30	0.074
		Lightweight concrete block	2.00	0.5	35	0.065
		Interior Film	6.25	0.16	40	0.058
					45	0.052
					50	0.047
	90 mm (4") Brick veneer 25cm (10") Concrete block Hollow cores 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.256
		Brick Veneer	1.39	0.72	10	0.182
		Air Gap	6.25	0.16	15	0.142
		Exterior Insulation	varies	varies	20	0.120
		Embedded Masonry Ties	50.0	0.0000952	25	0.103
		at 800mm x 600mm (32" x 24 ") o.c.			30	0.088
		Lightweight concrete block	2.00	0.5	35	0.079
		Interior Film	6.25	0.16	40	0.072
					45	0.066
					50	0.060

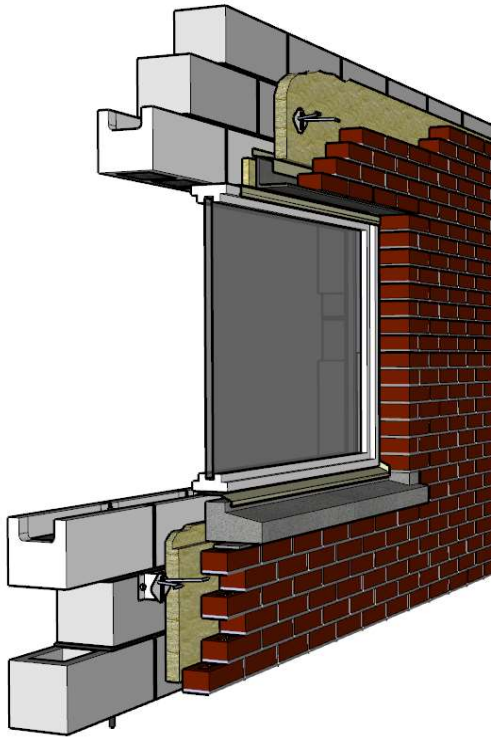
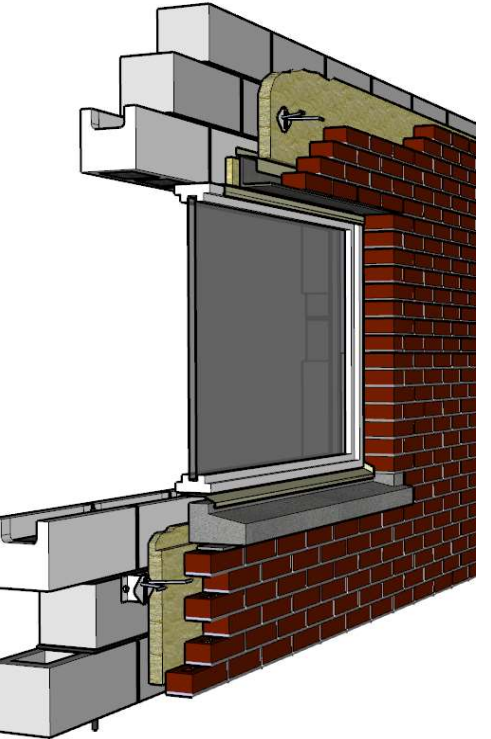
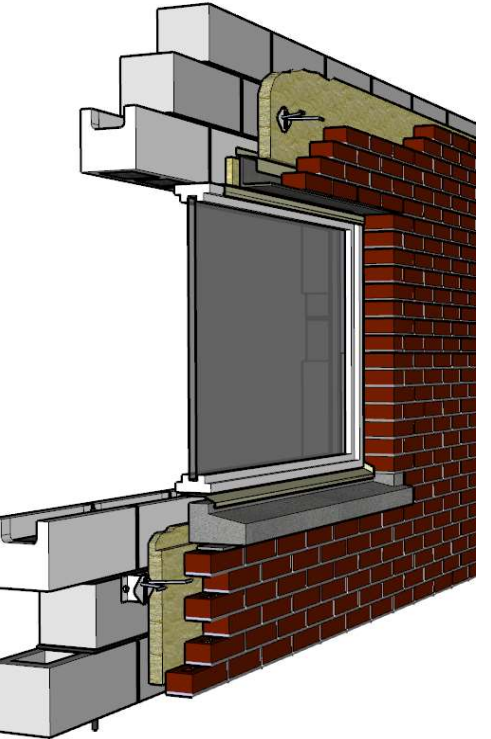
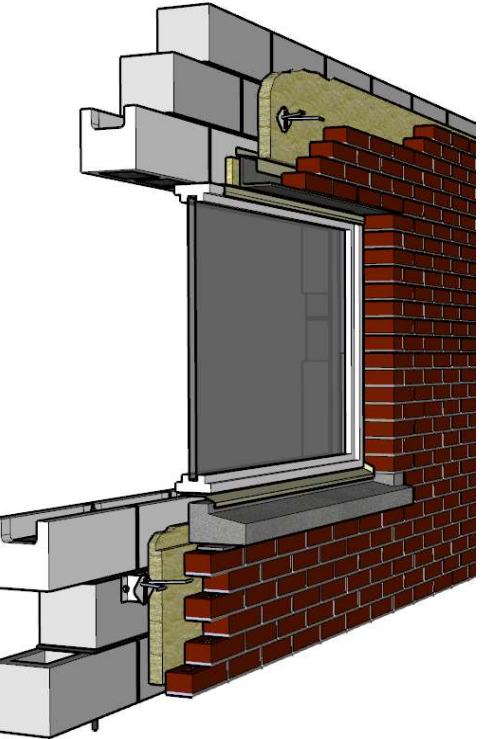
30cm Block Brick - Corner - Linear Transition	Wall Description	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nominal Resistance RSI used in model (m ² K/W)	Exterior Insulation (R-value)	Linear Trans ψ (W/m K)
	90 mm (4") Brick veneer 30cm (12") Concrete block Hollow cores 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.277
		Brick Veneer	1.39	0.72	10	0.182
		Air Gap	6.25	0.16	15	0.133
		Exterior Insulation	varies	varies	20	0.109
		Surface Mounted Masonry Ties	50.0	0.0000952	25	0.090
		at 400mm x 600mm (16" x 24 ") o.c.			30	0.075
		Lightweight concrete block	2.00	0.50	35	0.066
		Interior Film	6.25	0.16	40	0.059
					45	0.053
					50	0.047
	90 mm (4") Brick veneer 30cm (12") Concrete block Hollow cores 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter	Exterior Film	33.33	0.03	5	0.293
		Brick Veneer	1.39	0.72	10	0.198
		Air Gap	6.25	0.16	15	0.150
		Exterior Insulation	varies	varies	20	0.125
		Embedded Masonry Ties	50.0	0.0000952	25	0.106
		at 800mm x 600mm (32" x 24 ") o.c.			30	0.089
		Lightweight concrete block	2.00	0.5	35	0.080
		Interior Film	6.25	0.16	40	0.073
					45	0.066
					50	0.060
	90 mm (4") Brick veneer 30cm (12") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.232
		Brick Veneer	1.39	0.72	10	0.161
		Air Gap	6.25	0.16	15	0.121
		Exterior Insulation	varies	varies	20	0.100
		Surface Mounted Masonry Ties	50.0	0.0000952	25	0.084
		at 400mm x 600mm (16" x 24 ") o.c.			30	0.071
		Lightweight concrete block	2.00	0.5	35	0.062
		Interior Film	6.25	0.16	40	0.056
					45	0.050
					50	0.045
	90 mm (4") Brick veneer 30cm (12") Concrete block 1-20M rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter	Exterior Film	33.33	0.03	5	0.246
		Brick Veneer	1.39	0.72	10	0.175
		Air Gap	6.25	0.16	15	0.136
		Exterior Insulation	varies	varies	20	0.115
		Embedded Masonry Ties	50.0	0.0000952	25	0.098
		at 800mm x 600mm (32" x 24 ") o.c.			30	0.084
		Lightweight concrete block	2.00	0.5	35	0.076
		Interior Film	6.25	0.16	40	0.069
					45	0.063
					50	0.058

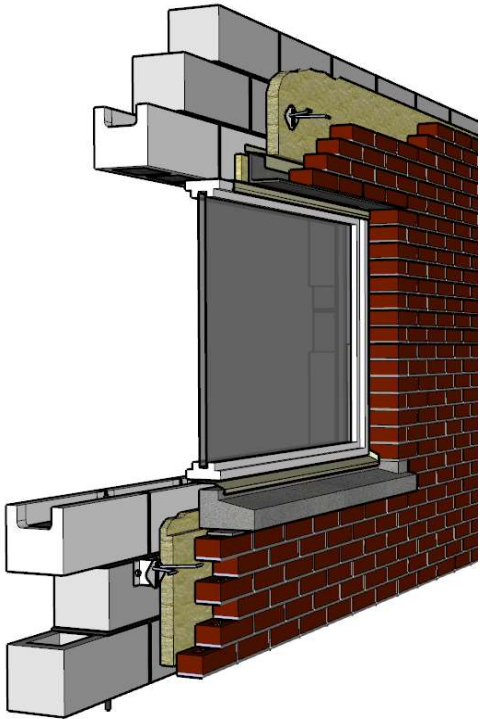
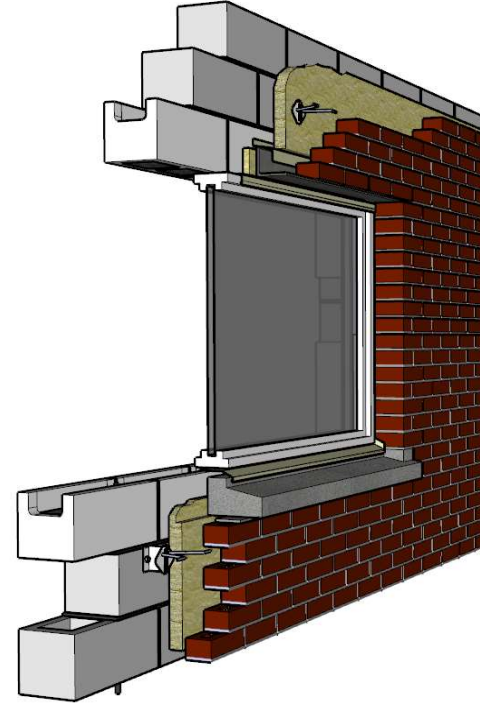
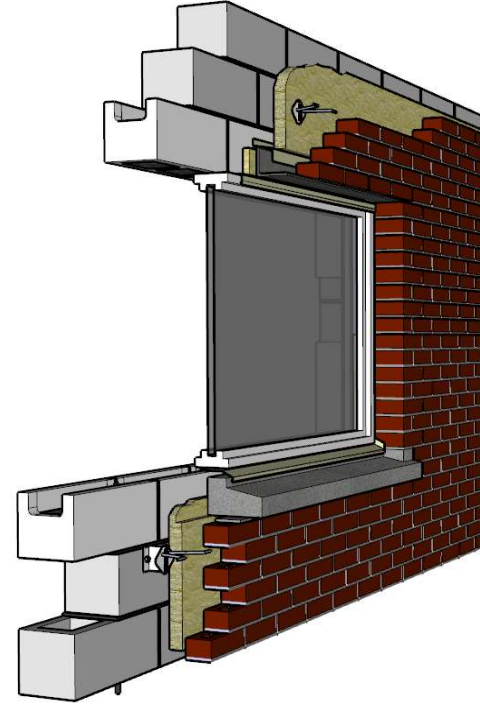
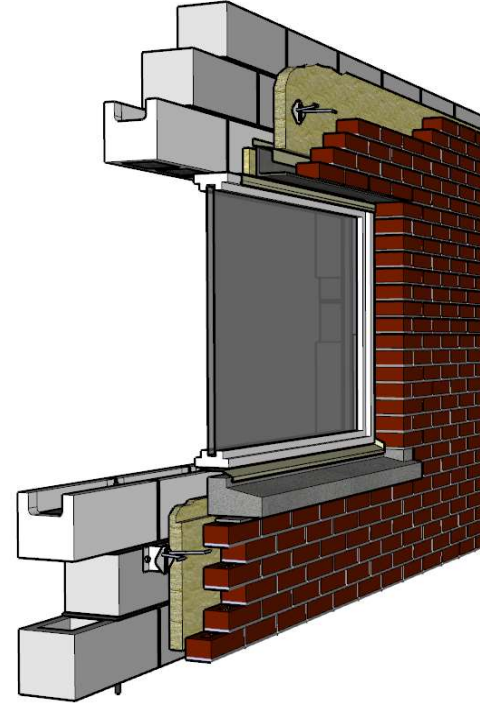
20cm Block Brick - Window/Door - Linear Transition	Wall Description	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nom. Resistance RSI used in model (m ² K/W)	Exterior Insulation (R-value)	Linear Trans ψ (W/m K)
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter Triple Glazed Aluminum	Exterior Film	33.33	0.03	5	0.180
		Brick Veneer	1.39	0.72	10	0.140
		Air Gap	6.25	0.16	15	0.116
		Exterior Insulation	varies	varies	20	0.100
		Suface Mounted Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.087
					30	0.076
		Lightweight concrete block	2.00	0.50	35	0.067
		Interior Film	6.25	0.16	40	0.060
					45	0.053
					50	0.047
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter Triple Glazed Aluminum	Exterior Film	33.33	0.03	5	0.190
		Brick Veneer	1.39	0.72	10	0.152
		Air Gap	6.25	0.16	15	0.130
		Exterior Insulation	varies	varies	20	0.114
		Embedded Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.102
					30	0.091
		Lightweight concrete block	2.00	0.5	35	0.082
		Interior Film	6.25	0.16	40	0.074
					45	0.066
					50	0.059
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter Triple Glazed Aluminum	Exterior Film	33.33	0.03	5	0.151
		Brick Veneer	1.39	0.72	10	0.124
		Air Gap	6.25	0.16	15	0.106
		Exterior Insulation	varies	varies	20	0.092
		Suface Mounted Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.081
					30	0.072
		Lightweight concrete block	2.00	0.5	35	0.064
		Interior Film	6.25	0.16	40	0.057
					45	0.050
					50	0.045
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter Triple Glazed Aluminum	Exterior Film	33.33	0.03	5	0.159
		Brick Veneer	1.39	0.72	10	0.135
		Air Gap	6.25	0.16	15	0.119
		Exterior Insulation	varies	varies	20	0.105
		Embedded Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.095
					30	0.086
		Lightweight concrete block	2.00	0.5	35	0.078
		Interior Film	6.25	0.16	40	0.070
					45	0.063
					50	0.057

	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter Double Glazed Aluminum	Exterior Film	33.33	0.03	5	0.668
		Brick Veneer	1.39	0.72	10	0.496
		Air Gap	6.25	0.16	15	0.395
		Exterior Insulation	varies	varies	20	0.323
		Suface Mounted Masonry Ties	50.0	0.0000952	25	0.267
		at 800mm x 600mm (32" x 24 ") o.c.			30	0.222
		Lightweight concrete block	2.00	0.50	35	0.183
		Interior Film	6.25	0.16	40	0.150
					45	0.121
					50	0.094
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter Double Glazed Aluminum	Exterior Film	33.33	0.03	5	0.706
		Brick Veneer	1.39	0.72	10	0.539
		Air Gap	6.25	0.16	15	0.442
		Exterior Insulation	varies	varies	20	0.370
		Embedded Masonry Ties	50.0	0.0000952	25	0.313
		at 800mm x 600mm (32" x 24 ") o.c.			30	0.265
		Lightweight concrete block	2.00	0.5	35	0.223
		Interior Film	6.25	0.16	40	0.185
					45	0.151
					50	0.120
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter Double Glazed Aluminum	Exterior Film	33.33	0.03	5	0.560
		Brick Veneer	1.39	0.72	10	0.438
		Air Gap	6.25	0.16	15	0.359
		Exterior Insulation	varies	varies	20	0.297
		Suface Mounted Masonry Ties	50.0	0.0000952	25	0.249
		at 800mm x 600mm (32" x 24 ") o.c.			30	0.210
		Lightweight concrete block	2.00	0.5	35	0.173
		Interior Film	6.25	0.16	40	0.142
					45	0.115
					50	0.090
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter Double Glazed Aluminum	Exterior Film	33.33	0.03	5	0.592
		Brick Veneer	1.39	0.72	10	0.477
		Air Gap	6.25	0.16	15	0.402
		Exterior Insulation	varies	varies	20	0.341
		Embedded Masonry Ties	50.0	0.0000952	25	0.292
		at 400mm x 600mm (16" x 24 ") o.c.			30	0.251
		Lightweight concrete block	2.00	0.5	35	0.211
		Interior Film	6.25	0.16	40	0.175
					45	0.144
					50	0.114

25cm Block Brick - Window/Door - Linear Transition	Wall Description	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nom. Resistance RSI used in model (m ² K/W)	Exterior Insulation (R-value)	Linear Trans ψ (W/m K)
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter Triple Glazed Aluminum	Exterior Film	33.33	0.03	5	0.177
		Brick Veneer	1.39	0.72	10	0.138
		Air Gap	6.25	0.16	15	0.114
		Exterior Insulation	varies	varies	20	0.098
		Suface Mounted Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.085
					30	0.075
		Lightweight concrete block	2.00	0.50	35	0.066
		Interior Film	6.25	0.16	40	0.059
					45	0.052
					50	0.046
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter Triple Glazed Aluminum	Exterior Film	33.33	0.03	5	0.187
		Brick Veneer	1.39	0.72	10	0.150
		Air Gap	6.25	0.16	15	0.128
		Exterior Insulation	varies	varies	20	0.112
		Embedded Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.100
					30	0.090
		Lightweight concrete block	2.00	0.5	35	0.081
		Interior Film	6.25	0.16	40	0.072
					45	0.065
					50	0.058
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter Triple Glazed Aluminum	Exterior Film	33.33	0.03	5	0.148
		Brick Veneer	1.39	0.72	10	0.122
		Air Gap	6.25	0.16	15	0.104
		Exterior Insulation	varies	varies	20	0.090
		Suface Mounted Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.080
					30	0.071
		Lightweight concrete block	2.00	0.5	35	0.063
		Interior Film	6.25	0.16	40	0.056
					45	0.049
					50	0.044
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter Triple Glazed Aluminum	Exterior Film	33.33	0.03	5	0.157
		Brick Veneer	1.39	0.72	10	0.132
		Air Gap	6.25	0.16	15	0.117
		Exterior Insulation	varies	varies	20	0.104
		Embedded Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.093
					30	0.085
		Lightweight concrete block	2.00	0.5	35	0.076
		Interior Film	6.25	0.16	40	0.069
					45	0.062
					50	0.056

	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter Double Glazed Aluminum	Exterior Film Brick Veneer Air Gap Exterior Insulation Suface Mounted Masonry Ties at 800mm x 600mm (32" x 24 ") o.c. Lightweight concrete block Interior Film	33.33 1.39 6.25 varies 50.0 2.00 6.25	0.03 0.72 0.16 varies 0.0000952 0.50 0.16	5 10 15 20 25 30 35 40 45 50	0.657 0.487 0.388 0.317 0.263 0.218 0.180 0.147 0.119 0.093
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter Double Glazed Aluminum	Exterior Film Brick Veneer Air Gap Exterior Insulation Embedded Masonry Ties at 800mm x 600mm (32" x 24 ") o.c. Lightweight concrete block Interior Film	33.33 1.39 6.25 varies 50.0 2.00 6.25	0.03 0.72 0.16 varies 0.0000952 0.5 0.16	5 10 15 20 25 30 35 40 45 50	0.694 0.530 0.434 0.363 0.308 0.261 0.219 0.182 0.149 0.118
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter Double Glazed Aluminum	Exterior Film Brick Veneer Air Gap Exterior Insulation Suface Mounted Masonry Ties at 800mm x 600mm (32" x 24 ") o.c. Lightweight concrete block Interior Film	33.33 1.39 6.25 varies 50.0 2.00 6.25	0.03 0.72 0.16 varies 0.0000952 0.5 0.16	5 10 15 20 25 30 35 40 45 50	0.550 0.431 0.353 0.292 0.245 0.206 0.170 0.140 0.113 0.088
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter Double Glazed Aluminum	Exterior Film Brick Veneer Air Gap Exterior Insulation Embedded Masonry Ties at 400mm x 600mm (16" x 24 ") o.c. Lightweight concrete block Interior Film	33.33 1.39 6.25 varies 50.0 2.00 6.25	0.03 0.72 0.16 varies 0.0000952 0.5 0.16	5 10 15 20 25 30 35 40 45 50	0.582 0.469 0.395 0.335 0.287 0.247 0.207 0.173 0.141 0.112

30cm Block Brick - Window/Door - Linear Transition	Wall Description	Wall Components Exterior to Interior	Conductance, k used in the model (W/m K)	Nom. Resistance RSI used in model (m ² K/W)	Exterior Insulation (R-value)	Linear Trans ψ (W/m K)
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter Triple Glazed Aluminum	Exterior Film	33.33	0.03	5	0.169
		Brick Veneer	1.39	0.72	10	0.132
		Air Gap	6.25	0.16	15	0.110
		Exterior Insulation	varies	varies	20	0.094
		Suface Mounted Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.082
					30	0.072
		Lightweight concrete block	2.00	0.50	35	0.063
		Interior Film	6.25	0.16	40	0.056
					45	0.050
					50	0.044
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter Triple Glazed Aluminum	Exterior Film	33.33	0.03	5	0.179
		Brick Veneer	1.39	0.72	10	0.143
		Air Gap	6.25	0.16	15	0.123
		Exterior Insulation	varies	varies	20	0.108
		Embedded Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.096
					30	0.086
		Lightweight concrete block	2.00	0.5	35	0.077
		Interior Film	6.25	0.16	40	0.069
					45	0.062
					50	0.056
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter Triple Glazed Aluminum	Exterior Film	33.33	0.03	5	0.142
		Brick Veneer	1.39	0.72	10	0.116
		Air Gap	6.25	0.16	15	0.100
		Exterior Insulation	varies	varies	20	0.087
		Suface Mounted Masonry Ties at 800mm x 600mm (32" x 24 ") o.c.	50.0	0.0000952	25	0.076
					30	0.068
		Lightweight concrete block	2.00	0.5	35	0.060
		Interior Film	6.25	0.16	40	0.053
					45	0.047
					50	0.042
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter Triple Glazed Aluminum	Exterior Film	33.33	0.03	5	0.150
		Brick Veneer	1.39	0.72	10	0.127
		Air Gap	6.25	0.16	15	0.112
		Exterior Insulation	varies	varies	20	0.099
		Embedded Masonry Ties at 400mm x 600mm (16" x 24 ") o.c.	50.0	0.0000952	25	0.089
					30	0.081
		Lightweight concrete block	2.00	0.5	35	0.073
		Interior Film	6.25	0.16	40	0.066
					45	0.059
					50	0.053

	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter Double Glazed Aluminum	Exterior Film	33.33	0.03	5	0.629
		Brick Veneer	1.39	0.72	10	0.466
		Air Gap	6.25	0.16	15	0.371
		Exterior Insulation	varies	varies	20	0.304
		Suface Mounted Masonry Ties	50.0	0.0000952	25	0.251
		at 800mm x 600mm (32" x 24 ") o.c.			30	0.209
		Lightweight concrete block	2.00	0.50	35	0.172
		Interior Film	6.25	0.16	40	0.141
					45	0.114
					50	0.089
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Hollow cores / meter Double Glazed Aluminum	Exterior Film	33.33	0.03	5	0.665
		Brick Veneer	1.39	0.72	10	0.508
		Air Gap	6.25	0.16	15	0.416
		Exterior Insulation	varies	varies	20	0.348
		Embedded Masonry Ties	50.0	0.0000952	25	0.294
		at 800mm x 600mm (32" x 24 ") o.c.			30	0.250
		Lightweight concrete block	2.00	0.5	35	0.210
		Interior Film	6.25	0.16	40	0.174
					45	0.142
					50	0.113
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter Double Glazed Aluminum	Exterior Film	33.33	0.03	5	0.527
		Brick Veneer	1.39	0.72	10	0.412
		Air Gap	6.25	0.16	15	0.338
		Exterior Insulation	varies	varies	20	0.280
		Suface Mounted Masonry Ties	50.0	0.0000952	25	0.235
		at 800mm x 600mm (32" x 24 ") o.c.			30	0.197
		Lightweight concrete block	2.00	0.5	35	0.163
		Interior Film	6.25	0.16	40	0.134
					45	0.108
					50	0.085
	90 mm (4") Brick veneer 20cm (8") Concrete block 1 rebar/grouted core at 800 o.c. (32") 3.75 Vermiculite Filled cores / meter Double Glazed Aluminum	Exterior Film	33.33	0.03	5	0.557
		Brick Veneer	1.39	0.72	10	0.449
		Air Gap	6.25	0.16	15	0.378
		Exterior Insulation	varies	varies	20	0.321
		Embedded Masonry Ties	50.0	0.0000952	25	0.275
		at 400mm x 600mm (16" x 24 ") o.c.			30	0.236
		Lightweight concrete block	2.00	0.5	35	0.198
		Interior Film	6.25	0.16	40	0.165
					45	0.135
					50	0.108