

EXTERIOR/CAVITY INSULATION - 150m2								
	WALL ASSEMBLY TYPE	Thickness	R Value		Price	Brick Veneer	Cladding	Double Brick
			HEAT FLOW OUT	HEAT FLOW IN				
Kingspan Kooltherm K8 Cavity Board	Double Brick Cavity	25	2.5	2.3	\$ 5,837.78	N	N	Y
	Double Brick Cavity	40	3.2	3.1	\$ 7,470.75	N	N	Y
Kingspan Kooltherm K12 Framing Board Insulation	Brick Veneer Wall	25	3.1	2.9	\$ 4,525.00	Y	Y	N
	Cladded Wall With Counter Batten		3	2.8				
	Brick Veneer Wall	30	3.3	3.1	\$ 5,610.00	Y	Y	N
	Cladded Wall With Counter Batten		3.2	3				
	Brick Veneer Wall	40	3.9	3.6	\$ 5,824.00	Y	Y	N
	Cladded Wall With Counter Batten		3.7	3.5				
Foilboard® Green Rigid Insulation Panels	Brick Veneer Wall	10	2.3	2	\$ 1,614.08	Y	Y	Y
	Cladded Wall With Counter Batten		2.1	1.8				
	Double Brick Cavity	15	1.8	1.6	\$ 1,992.12			
	Brick Veneer Wall		2.4	2.1		Y	Y	Y
	Cladded Wall With Counter Batten	20	2.2	2	\$ 2,440.36	Y	Y	Y
	Double Brick Cavity		1.9	1.8				
	Brick Veneer Wall	25	2.5	2.3	\$ 2,918.76	Y	Y	Y
	Cladded Wall With Counter Batten		2.3	2.1				
	Double Brick Cavity	30	2	1.9	\$ 3,389.88			
	Brick Veneer Wall		2.7	2.4		Y	Y	Y
	Cladded Wall With Counter Batten	25	2.5	2.2	\$ 2,918.76	Y	Y	Y
	Double Brick Cavity		2.1	2				
	Brick Veneer Wall	30	2.9	2.6	\$ 3,389.88			
	Cladded Wall With Counter Batten		2.7	2.4		Y	Y	Y
	Double Brick Cavity	6.5	2.2	2.2	\$ 1,594.50			
	Brick Veneer Wall		1.9	1.7		Y	N	Y
BuilditEco RMAX ThermaWall Including Double sided Reflectice Sarking	Direct Fix	75	2.74	2.61	\$ 2,974.22	N	Y	N
	Batten Cavity Fix EIFS - 25mm		2.91	2.77	\$ 3,728.72			
	Direct Fix	100	3.41	3.25	\$ 3,728.72	N	Y	N
	Batten Cavity Fix EIFS - 25mm		3.57	3.41	\$ 4,483.22			

Sources: · ICANZ: Insulation Handbook - Part 1: Thermal Performance - Version 3 (Total R-value calculations for typical building applications)
· Kingspan AIR-CELL
· CSR Bradford

Note: True R Values - assuming installed correctly as per Manufacturers Specifications.