

THERMOMASS

Mass Enhanced R-value of THERMOMASS Precast Concrete Wall

Date: July 2017

Climate Zone	Wall Assembly 150mm internal concrete/XPS insulation/60mm external concrete	
	50mm Insulation	75mm Insulation
1	R 3.61	R 5.15
2	R 4.63	R 6.62
3	R 4.76	R 6.80
4	R 3.43	R 4.90
5	R 3.70	R 5.27
6	R 3.03	R 4.33
7	R 2.52	R 3.59
8	R 2.09	R 2.98

The Mass-Enhanced R-value provides an Alternative Solution in accordance with NCC Volume 1 (BCA), Clause A0.8 and NCC Volume 2 (BCA), Clause A1.0.8. This Mass-Enhanced R-value may be used as meeting the compliance requirement for the Minimum R-value in walls given in either NCC Volume 1 (BCA) Table J1.5a Parts (a) or NCC Volume 2 (BCA) Table 3.12.1.3a.