

**Code on Design and Construction Requirements for Energy Efficiency of Residential Buildings 2014**  
**Part 2 - Summary of Overall RTTV<sub>wall</sub> of Building**

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BD Ref No. 2/9258/16

Residential Development at Sha Tin Town Lot No.614, Lai Ping Road, Kau To, Shatin, N.T.

Overall Wall Area [a] 11679.60 m<sup>2</sup>

Categorization	Gross Wall Area	Heat Conduction through Opaque Walls	Heat Conduction through Glazing	Solar Radiation through Glazing	RTTV <sub>wall</sub> at Each Facade	Area-weighted RTTV <sub>wall</sub>
	(m <sup>2</sup> )	(W/m <sup>2</sup> )	(W/m <sup>2</sup> )	(W/m <sup>2</sup> )	(W/m <sup>2</sup> )	(W/m <sup>2</sup> )
	[b]	[c]	[d]	[e]	[f]=[c]+[d]+[e]	[g]=[f]x[b]/[a]
st	3704.23	1.81	1.95	15.66	19.43	6.16
st	3290.00	2.03	1.54	12.72	16.29	4.59
st	2342.69	4.23	0.21	1.70	6.15	1.23
st	2342.69	3.58	0.18	1.39	5.16	1.03

Overall RTTV<sub>wall</sub> = 13.02 W/m<sup>2</sup>

< 14 W/m<sup>2</sup>