

### RTTV Summary Sheet

Address:	23 Jupiter Street, North Point, Hong Kong	BD Ref. No. 2/3050/10(1)
Building Type	Residential	
RTTV calculated by	<input type="checkbox"/> 1. Registered Professional Engineers <input checked="" type="checkbox"/> 2. Architect <input type="checkbox"/> 3. Others, please specify:	
No. of Storeys (Residential Units)	24 Storeys	

**Table 1**

Deemed to Satisfy RTTVwall									
Façade Orientation Facing									
Average Absorptivity									
Average Window to Wall Ratio									
Shading Coefficient of Glazing									
Average Shading Coefficient of Façade									
Visible Light Transmittance		%		%		%		%	%
External Reflectance		%		%		%		%	%

**Table 2**

RTTVwall																	
Façade Orientation Facing		East				North				West				South			
Wall Orientation Factor		1.072				0.52				1.131				0.975			
Total External Wall Area (Residential Units)		1083.81 m <sup>2</sup>		Window to Wall Ratio = 0.20		1345.45 m <sup>2</sup>		Window to Wall Ratio = 0.79		1519.00 m <sup>2</sup>		Window to Wall Ratio = 0.49		759.50 m <sup>2</sup>		Window to Wall Ratio = 0.15	
Total Window Area		213.53 m <sup>2</sup>				697.00 m <sup>2</sup>				741.63 m <sup>2</sup>				113.70 m <sup>2</sup>			
Heat Conduction	Opaque Wall	5.06 W/m <sup>2</sup>				2.44 W/m <sup>2</sup>				3.67 W/m <sup>2</sup>				3.49 W/m <sup>2</sup>			
	Window	0.71 W/m <sup>2</sup>				1.38 W/m <sup>2</sup>				1.86 W/m <sup>2</sup>				0.49 W/m <sup>2</sup>			
Window	Glass Type	<input type="checkbox"/> Reflective	Area = m <sup>2</sup>	SC=	VLT= %	<input type="checkbox"/> Reflective	Area = m <sup>2</sup>	SC=	VLT= %	<input type="checkbox"/> Reflective	Area = m <sup>2</sup>	SC=	VLT= %	<input type="checkbox"/> Reflective	Area = m <sup>2</sup>	SC=	VLT= %
		<input checked="" type="checkbox"/> Tinted	Area = 213.53 m <sup>2</sup>	SC= 0.66	VLT= # %	<input checked="" type="checkbox"/> Tinted	Area = 697.00 m <sup>2</sup>	SC= 0.66	VLT= # %	<input checked="" type="checkbox"/> Tinted	Area = 741.63 m <sup>2</sup>	SC= 0.66	VLT= # %	<input checked="" type="checkbox"/> Tinted	Area = 113.70 m <sup>2</sup>	SC= 0.66	VLT= # %
		<input type="checkbox"/> Clear	Area = m <sup>2</sup>	SC=	ER= 5 %	<input type="checkbox"/> Clear	Area = m <sup>2</sup>	SC=	ER= 5 %	<input type="checkbox"/> Clear	Area = m <sup>2</sup>	SC=	ER= 5 %	<input type="checkbox"/> Clear	Area = m <sup>2</sup>	SC=	ER= 5 %
		<input type="checkbox"/> Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
External Shading		Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Sidefin		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Solar Radiation through Glazing		4.47 W/m <sup>2</sup>				11.09 W/m <sup>2</sup>				13.04 W/m <sup>2</sup>				4.02 W/m <sup>2</sup>			
Average Absorptivity		0.47				0.80				0.54				0.36			
RTTVwall at each façade		10.24 W/m <sup>2</sup>				14.91 W/m <sup>2</sup>				18.58 W/m <sup>2</sup>				8.01 W/m <sup>2</sup>			
Overall RTTVwall		13.90															

**Table 3**

RTTVroof											
Roof Orientation Factor		2.16									
Total Roof Area (Residential Units)		134.14 m <sup>2</sup>									
Total Skylight Area		0.00 m <sup>2</sup>									
Heat Conduction	Roof	2.78 W/m <sup>2</sup>									
	Skylight	0.00 W/m <sup>2</sup>									
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area = m <sup>2</sup>	SC=	VLT= %	ER= %	<input type="checkbox"/> Reflective	Area = m <sup>2</sup>	SC=	VLT= %	ER= %
		<input type="checkbox"/> Tinted	Area = m <sup>2</sup>	SC=	VLT= %	ER= %	<input type="checkbox"/> Tinted	Area = m <sup>2</sup>	SC=	VLT= %	ER= %
		<input type="checkbox"/> Clear	Area = m <sup>2</sup>	SC=	VLT= %	ER= %	<input type="checkbox"/> Clear	Area = m <sup>2</sup>	SC=	VLT= %	ER= %
	Double Glazing	<input type="checkbox"/> Yes <input type="checkbox"/> No									
External Shading		<input type="checkbox"/> Yes <input type="checkbox"/> No									
Solar Radiation through Glazing		0.00 W/m <sup>2</sup>									
Average Absorptivity (roof)		0.7									
Overall RTTVroof		2.78 W/m <sup>2</sup>									

ER = External Reflectance; SC = Shading Coefficient & VLT = Visible Light Transmittance

Notes:

- Please tick in the box as appropriate
- Window and skylight data should represent the major proportion of its use in the development