

# OTTV of Resident's Recreational Facilities Summary Sheet

Address: 9 Sai Wan Ho Street, Shau Kei Wan, Hong Kong		BD Ref. No. BD2/3001/16	
Building Type / Use :		Resident's Recreational Facilities	
OTTV calculated by		<input checked="" type="checkbox"/> 1. Registered Professional Engineers <input type="checkbox"/> 2. Architect <input type="checkbox"/> 3. Others, please specify:	
Classification		<input checked="" type="checkbox"/> Podium / <input type="checkbox"/> Tower	
No. of Storeys (RRF)		1	
Gross Floor Area		224.273 m <sup>2</sup>	
Usable Floor Area		m <sup>2</sup>	
Total External Wall Area (including windows)		397.29 m <sup>2</sup>	Window to Wall Ratio = 0.46
Total Window Area		184.18 m <sup>2</sup>	
Total Skylight Area		- m <sup>2</sup>	
**Weighted Average U-value	Opaque Wall	2 W/m <sup>2</sup>	
	Window	W/m <sup>2</sup>	
	Opaque Roof	0.7 W/m <sup>2</sup>	
	Skylight	W/m <sup>2</sup>	
Window	Glass Type	<input type="checkbox"/> Reflective	Area= m <sup>2</sup> SC= VLT= % ER= %
		<input checked="" type="checkbox"/> Tinted	Area= 184.18 m <sup>2</sup> SC= 0.64 VLT= 50 % ER= 5 %
		<input type="checkbox"/> Clear	Area= m <sup>2</sup> SC= VLT= % ER= %
	Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
	External Shading	Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Sidefin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Skylight	Glass Type	<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"/> 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 <input type="checkbox"/> Yes <input type="checkbox"/> No	
**Weighted Average Absorptivity	Wall	0.5	
	Roof	0.58	
**Weighted Average Density	Wall	837.54 kg/m <sup>2</sup>	
	Roof	4736.4 kg/m <sup>2</sup>	
OTTV <sub>RRF</sub>	Wall	39.84 W/m <sup>2</sup>	
	Roof	3.19 W/m <sup>2</sup>	
	Overall Average	29.77 W/m <sup>2</sup>	

Notes:  
 ER = External Reflectance  
 SC = Shading Coefficient  
 VLT = Visible Light Transmittance  
 \*\* Weighted by area  
 Window and skylight data should represent the major proportion of its use in the development.