

OTTV of Resident's Recreational Facilities Summary Sheet

Building Address: Composite Development at 2 Tak Shing Street, Tsim Sha Tsui, Kowloon (RRF)				BD Ref. No. 2/4069/14						
Building Type / Use:		Resident's Recreational Facilities								
OTTV Calculated by:		<input checked="" type="checkbox"/> 1. Registered Professional Engineers Thomas Anderson & Partners Consulting Engineers Ltd. <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		153.50 m ²								
Usable Floor Area		153.50 m ²								
Total External Wall Area (including Windows)		103.36 m ²	Window to Wall Ratio =		0.183					
Total Window Area		18.90 m ²								
Total Skylight Area										
** Weighted Average U-value	Opaque Wall	2.19	W/m ²							
	Window	5.68	W/m ²							
	Opaque Roof	0.36	W/m ²							
	Skylight									
Window	Glass Type	<input type="checkbox"/> Reflective	Area =	m ²	SC =	VLT =	%	ER =	%	
		<input checked="" type="checkbox"/> Tinted	Area =	18.90 m ²	SC =	0.66	VLT =	50 %	ER =	6 %
		<input type="checkbox"/> Clear	Area =	m ²	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				
				Sidewall	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No				
Skylight	Glass Type	<input type="checkbox"/> Reflective	Area =	m ²	SC =	VLT =	%	ER =	%	
		<input type="checkbox"/> Tinted	Area =	m ²	SC =		VLT =	%	ER =	%
		<input type="checkbox"/> Clear	Area =	m ²	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				
				Sidewall	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No				
** Weighted Average Absorptivity	Wall	0.58								
	Roof	0.65								
** Weighted Average Density	Wall	282.3	kg/m ²							
	Roof	1644.95	kg/m ²							
OTTV _{RRF}	Wall	21.42	W/m ²							
	Roof	0.00	W/m ²							
	Overall Average	21.42	W/m ²							

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

** Weighted by area

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