

OTTV of Resident's Recreational Facilities Summary Sheet

Address: Proposed Residential Development at 1 Shau Kei Wan Road, Hong Kong – S.M.L 2s. B					BD Ref. No.	
Building Type / Use :		Resident's Recreational Facilities				
OTTV calculated by		<input 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)						
Gross Floor Area		2113.05 m ²				
Usable Floor Area		m ²				
Total External Wall Area (including windows)		2313.30 m ²		Window to Wall Ratio		
Total Window Area		574.98 m ²		= 0.25		
Total Skylight Area		NA m ²				
**Weighted Average U-value	Opaque Wall	4.06 W/m ²				
	Window	NA W/m ²				
	Opaque Roof	NA W/m ²				
	Skylight	NA W/m ²				
Window	Glass Type	<input type="checkbox"/> Reflective	Area= m ²	SC=	VLT= %	ER= %
		<input type="checkbox"/> Tinted	Area= m ²	SC=	VLT= %	ER= %
		<input checked="" type="checkbox"/> Clear	Area= m ² 574.98	SC= 0.73	VLT= 48 %	ER= 6 %
	Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
	External Shading	Overhang <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sidefin <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 type="checkbox"/> No				
	External Shading	<input type="checkbox"/> Yes <input type="checkbox"/> No				
**Weighted Average Absorptivity	Wall	0.76				
	Roof	NA				
**Weighted Average Density	Wall	438.80 kg/m ²				
	Roof	NA kg/m ²				
OTTV _{RRF}	Wall	34.82 W/m ²				
	Roof	NA W/m ²				
	Overall Average	34.82 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.