

OTTV of Resident's Recreational Facilities Summary Sheet

Address: 63 Ma Tau Wai Road, Kowloon - K.I.L. 1151					BD Ref. No.	
Building Type / Use :		Resident's Recreational Facilities				
OTTV calculated by		<input type="checkbox"/> 1. Registered Professional Engineers <input checked="" type="checkbox"/> 2. Architect <input type="checkbox"/> 3. Others, please specify :				
Classification		<input type="checkbox"/> Podium / <input checked="" type="checkbox"/> Tower				
No. of Storeys (RRF)		2				
Gross Floor Area		56.905		m ²		
Usable Floor Area		556.027		m ²		
Total External Wall Area (including windows)		1273.8		m ²		
Total Window Area		758.8		m ²		
Total Skylight Area		m ²				
**Weighted Average U-value	Opaque Wall	2.44		W/m ²		
	Window	1.63		W/m ²		
	Opaque Roof	0.78		W/m ²		
	Skylight	-		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 type="checkbox"/> Clear	Area= m ² 758.8	SC= 0.33	VLT= 51 %	ER= 16 %
	Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
	External Shading	Overhang <input 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				
		<input type="checkbox"/> Yes <input type="checkbox"/> No				
**Weighted Average Absorptivity	Wall	0.54				
	Roof	0.73				
**Weighted Average Density	Wall	401.5		kg/m ²		
	Roof	677.2		kg/m ²		
OTTV _{RRF}	Wall	29.94		W/m ²		
	Roof	4.16		W/m ²		
	Overall Average	23.8		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.

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