

OTTV of Resident's Recreational Facilities Summary Sheet

Address: Proposed Development at No. 74 Waterloo Road, Kowloon				BD Ref. No.		
Building Type / Use :		Resident's Recreational Facilities				
OTTV calculated by		<input checked="" type="checkbox"/> 1. Registered Professional Engineers <i>YAU KIN PUI</i> <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 (2/F)				
Gross Floor Area		0 m ²				
Usable Floor Area		299.02 m ²				
Total External Wall Area (including windows)		261.93	m ²	Window to Wall Ratio		
Total Window Area		71.93	m ²	= 1 : 3.64		
Total Skylight Area		0 m ²				
**Weighted Average U-value	Opaque Wall	2.06 W/m ²				
	Window	5.23 W/m ²				
	Opaque Roof	2.48 W/m ²				
	Skylight	N/A 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= 62.22 sqm.	SC= 1.01	VLT= 90.47 %	ER= 8.75 %
	Double Glazing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
	External Shading	Overhang <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Siding <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
	Skylight	Glass Type	<input type="checkbox"/> Reflective	Area= m²	SC=	VLT= %
<input type="checkbox"/> Tinted			Area= m²	SC=	VLT= %	ER= %
<input type="checkbox"/> Clear			Area= m²	SC=	VLT= %	ER= %
Double Glazing		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
External Shading		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
External Shading		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
**Weighted Average Absorptivity	Wall	0.90				
	Roof	0.78				
**Weighted Average Density	Wall	451.85 kg/m ²				
	Roof	593.68 kg/m ²				
OTTV _{RRF}	Wall	51.59 W/m ²				
	Roof	4.68 W/m ²				
	Overall Average	30.52 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.