

OTTV of Resident's Recreational Facilities Summary Sheet

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|--|------------------|---|--------------------------------|----------------------|--------------|------------|
| Address: West Rail Yuen Long Station Property Development | | | | | BD Ref. No. | |
| Yuen Long Twon Lot No. 510 Northern Site | | | | | | |
| Building Type / Use : | | Resident's Recreational Facilities | | | | |
| OTTV calculated by | | <input type="checkbox"/> 1. Registered Professional Engineers <input type="checkbox"/> 2. Architect <input checked="" type="checkbox"/> 3. Others, please specify : Building Services Consultant | | | | |
| Classification | | <input type="checkbox"/> Podium / <input type="checkbox"/> Tower | | | | |
| No. of Storeys (RRF) | | 4 Storeys | | | | |
| Gross Floor Area | | m ² | | | | |
| Usable Floor Area | | m ² | | | | |
| Total External Wall Area (including windows) | | 2926.14 | m ² | Window to Wall Ratio | | |
| Total Window Area | | 566.92 | m ² | 1 = 5.16 | | |
| Total Skylight Area | | 0 m ² | | | | |
| **Weighted Average U-value | Opaque Wall | 2.19 | W/m ² | | | |
| | Window | 5.40 | W/m ² | | | |
| | Opaque Roof | 0.37 | 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 ² 566.92 | SC= 0.85 | VLT= % 85 | ER= % 8 |
| | Double Glazing | <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | |
| | External Shading | Overhang <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | |
| | | Sidefin <input type="checkbox"/> Yes <input 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 | 0.89 | | | | |
| | Roof | 0.65 | | | | |
| **Weighted Average Density | Wall | 446.27 | kg/m ² | | | |
| | Roof | 1120 | kg/m ² | | | |
| OTTV _{RRF} | Wall | 26.86 | W/m ² | | | |
| | Roof | 1.90 | W/m ² | | | |
| | Overall Average | 15.45 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.