

OTTV of Resident's Recreational Facilities Summary Sheet

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|---|--|---|----------------------|----------------------|---------------------------|---------|
| Address: HO MAN TIN STATION PACKAGE ONE PROPERTY DEVELOPMENT (PHASE A & B) | | | | | BD Ref. No. 2/7004/10(P1) | |
| Building Type / Use : | | Resident's Recreational Facilities | | | | |
| OTTV calculated by | | <input checked="" type="checkbox"/> 1. Registered Professional Engineers <input 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 | | 1932.293 m ² | | | | |
| Usable Floor Area | | 1097.471 m ² | | | | |
| Total External Wall Area (including windows) | | 1215.2 m ² | | Window to Wall Ratio | | |
| Total Window Area | | 486.9 m ² | | = 0.4 | | |
| Total Skylight Area | | / m ² | | | | |
| **Weighted Average U-value | Opaque Wall | 3.38 | | W/m ² | | |
| | Window | 1.67 | | W/m ² | | |
| | Opaque Roof | 0.69 | | W/m ² | | |
| | Skylight | / | | W/m ² | | |
| Window | Glass Type F2: | 12mm low-iron Tempered+12Air+12mm low-iron tempered | Area: 318.6m2 | SC: 0.39 | VLT: 56% | ER: 16% |
| | F3: | 8mm low-iron Tempered+12Air+8mm low-iron tempered | Area: 124.8m2 | SC: 0.39 | VLT: 57% | ER: 18% |
| | F4: | 10mm low-iron Tempered+12Air+10mm low-iron tempered | Area: 33.6m2 | SC: 0.39 | VLT: 56% | ER: 17% |
| | F5: | 6mm low-iron Tempered+2.28 PVB+6mm low-iron tempered+12 Air+12mm low-iron Tempered | Area: 9.9m2 | SC: 0.38 | VLY: 55% | ER: 14% |
| | Double Glazing | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | |
| External Shading | Overhang <input type="checkbox"/> Yes <input checked="" 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 | 0.25 | | | | |
| | Roof | 0.3 | | | | |
| **Weighted Average Density | Wall | 382.32 | | kg/m ² | | |
| | Roof | 986.37 | | kg/m ² | | |
| OTTV _{RRF} | Wall | 29.03 | | W/m ² | | |
| | Roof | 1.57 | | W/m ² | | |
| | Overall Average | 17.96 | | 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.