

OTTV of Resident's Recreational Facilities Summary Sheet

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|---|------------------|---|---------------------------|--------------------------|-----------|---------|
| Address: PROPOSED DETACHED BUILDING AT NO. 8 MOSQUE STREET, MID-LEVELS, HONG KONG, I.L. 58 s.A ss.3 s.A R.P., s.B ss.3, s.A ss.3 s.A ss.1 and s.B ss.2 | | | | BD Ref. No. 2/2020/15 | | |
| 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 checked="" type="checkbox"/> Podium / <input type="checkbox"/> Tower | | | | |
| No. of Storeys (RRF) | | 1 | | | | |
| Gross Floor Area | | m ² | | | | |
| Usable Floor Area | | m ² | | | | |
| Total External Wall Area (including windows) | | 271.9 | m ² | Window to Wall Ratio | | |
| Total Window Area | | 42.01 | m ² | 1 = 0.15 | | |
| Total Skylight Area | | N/A m ² | | | | |
| **Weighted Average U-value | Opaque Wall | 1.84 W/m ² | | | | |
| | Window | 2.23 W/m ² | | | | |
| | Opaque Roof | N/A 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= 22.84m ² | SC= 0.91 | VLT= 87 % | ER= 7 % |
| | Double Glazing | <input checked="" type="checkbox"/> Yes <input 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 | 0.91 | | | | |
| | Roof | N/A | | | | |
| **Weighted Average Density | Wall | 1492.45 kg/m ² | | | | |
| | Roof | N/A kg/m ² | | | | |
| OTTV _{RRF} | Wall | 26.61 W/m ² | | | | |
| | Roof | N/A W/m ² | | | | |
| | Overall Average | N/A 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.