

The shaded pedestrian route must lead to and from the building entrance closest to the building.

Wherever there is a pedestrian route on the building plot which runs alongside a public road, that route should be shaded. Shading of the public road is not required by this regulation. Sample layout is shown in fig. 304.07(2).

Following will qualify as meeting the required SRI values:

- Pedestrian area covered by photo-voltaic panels
- Building access from underground parking



Fig 304.07(1): Sample Shaded Walkway

Shade structure material on the roof must be selected based on the angle of roof. Refer to *Regulation 304.01: Urban Heat Island Effect* for information on Solar Reflectance Index (SRI).

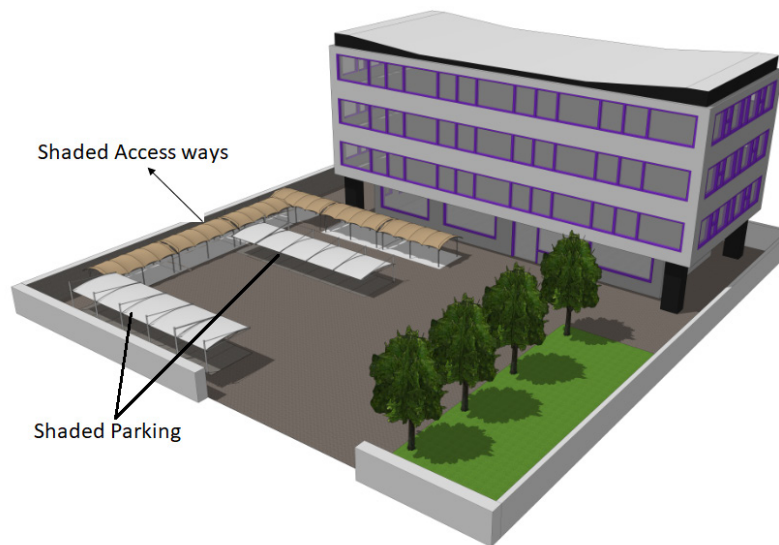


Fig 304.07(2): Sample Layout for Shaded Access

COMPLIANCE DOCUMENTATION

Table 304.07(1): Documents Required

Project Stages	Submittal Documents
Design Permit Application	1. Site plan drawings indicating shading details for pedestrian linkage and SRI values for shading materials.
Construction Completion Application	1. Final approved site plan / drawings indicating shading details for pedestrian linkage. 2. DCL certificate (SRI Value) for the shading materials.
After Completion	Not applicable.

REFERENCES AND ADDITIONAL INFORMATION

Dubai Municipality (2019). Al Sa'fat Regulation No. 304.01: Urban Heat Island Effect.