

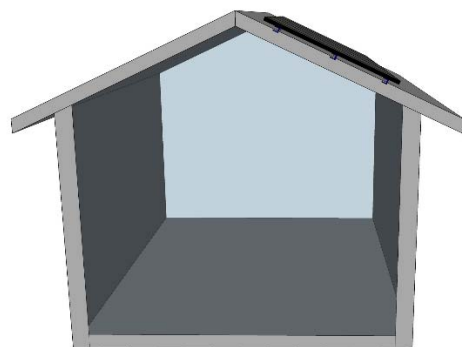
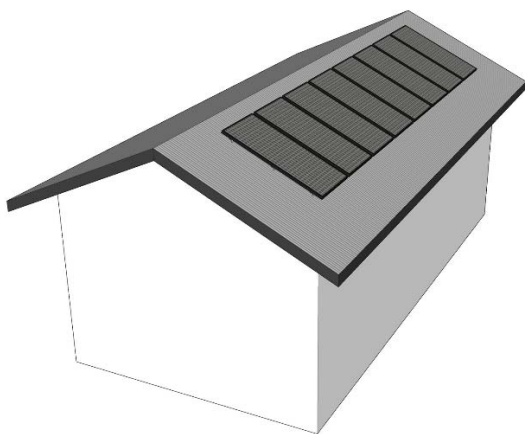
Eye of Africa Guidelines for Solar Power installations

1. Find reputable contractors with a good track record and get at least 3 x comparative quotations.
2. Analyse the quotations by comparing equipment brands (Sunsynk inverters are a good and are a popular brand), the system size, estimated energy production and obviously price.
3. NB Compare apples with apples - If you do get 3 x quotations, they should all be competitive and similar in price/value - if the same brands of equipment are used. We do not advise choosing the lowest quotation if it is much lower than the other prices.
4. Make sure the installer provides a COC after the installation has been completed which is an electrical certificate of compliance – this is a legal requirement.
5. Give the solar contractor a copy of the guidelines to follow or the ARC will not approve the installation.

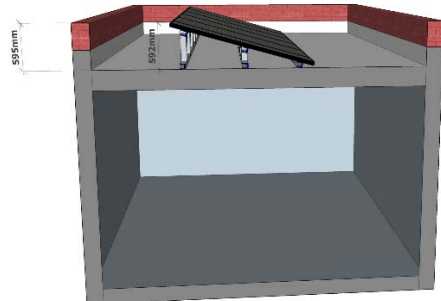
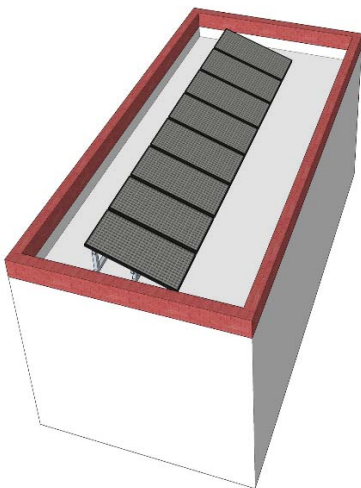
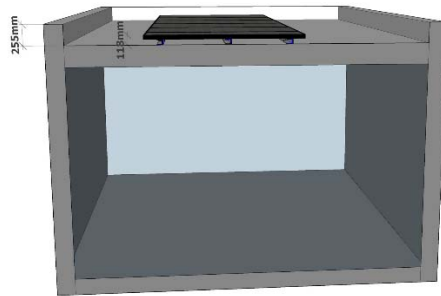
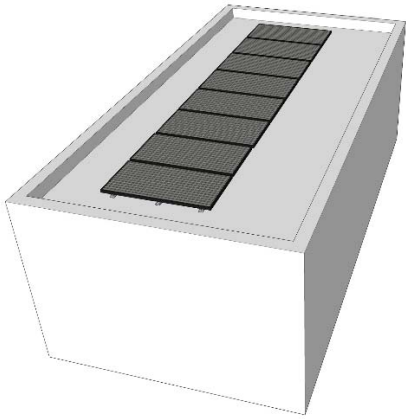
Guideline rules for solar power

There are two main rules/regulations that are applicable:

1. **For residences with pitched roofs:**
 - 1.1. The solar panels on the roof must follow the same pitch of the roof – if the solar panels do not follow the same pitch the ARC will fail the submission because the installation will not be aesthetically pleasing. As shown below.



2. **For residences with flat roofs** – the solar panels can be fitted at an angle to be as effective as possible **however the solar panels need to be screened so that they cannot be seen.** As shown below.



Submission requirements:

Roof plan with solar panels positions to be provided.

Specify number and size of panels.

Show roof angle if on pitched roof and panel angle if on flat roof.

A diagrammatic section should be provided for all solar panel installations on flat roofs showing the panels and the parapet wall/screen walls heights.

Documentation from the installer with solar panel system specifications, installation notes.

On completion C.O.C. to be provided.

Mandatory notes that need to appear in the submission or the ARC will not approve the solar installation:

- **For pitched roofs**: Panels must be laid at the same pitch as the roof sheeting/tiles.
- All conduits, wires, pipes, and equipment must be housed internally and not be visible on the exterior of the roof or walls. Only the actual panels should be housed externally.
- **For Flat roofs**: The top of panels must be lower than the top of the parapet walls or brickwork screen walls. If panels are laid at an angle the parapet/screen walls must be raised to the height of the top of the panels in all 4 directions.
- All conduits, wires, pipes, and equipment must be housed internally and not be visible on the exterior of the roof or walls. Only the actual panels should be housed externally.
- A diagrammatic section should be provided for all solar panel installations on flat roofs showing the panels and the parapet wall/screen walls heights.

Guideline updated by Maestro Architects 21.04.2023