

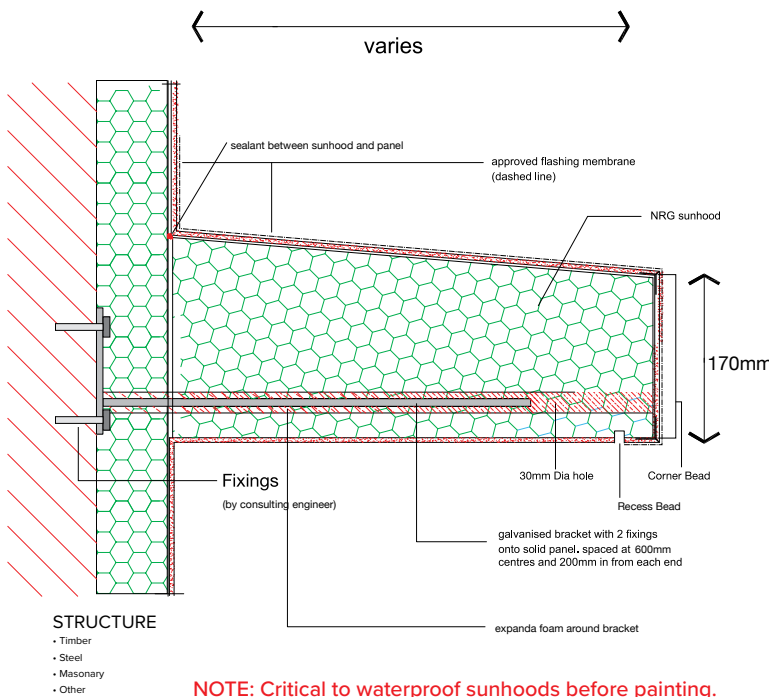


Sunhoods & Blades

Design Simplicity-Energy Efficient-Building Systems



Combining Sunhoods with NRG Greenboard™ Wall Cladding System



Benefits

- Design Simplicity
- Lightweight Construction
- Speed of Installation
- No more costly fabrication or forming-up
- Suitable for Residential, Commercial, Industrial and Refurbishment
- Providing a 'polymer modified, fully reinforced render system'.
- Extensive choice of textures & colour finishes. (applied by licensed trades persons on site)
- Assist in Compliance* with BCA 2006 3.12.2.2 -Volume Two-Shading

Australian Building Codes Board -3.12.2.2 Shading -Page 542

Where shading is required to comply with 3.12.2.1, it must-

- a) be provided by an external permanent projection, such as a verandah, balcony, fixed canopy, eaves, shading hood.. which
 - I) extends horizontally on both sides of the glazing....
 - II) provide the equivalent shading to (i)....
- b) be provided by an external shading device, which
 - I) is capable of restricting at least 80% of the summer solar radiation; &
 - II) if adjustable, is readily operated.

Explanatory information:

- 1) Shading devices can include fixed louvers, However, such devices need to be designed for the climate and latitude to ensure that summer sun penetration is restricted, while winter sun access is achieved.
- 2) Gutters can only be considered as providing shading if attached.
- 3) Shading devices can be either attached or located may be considered to provide shading to glazing if it complies with 3.12.2.2(b).

Extracts from the Building Code of Australia have been supplied with the permission of the Australian Building Codes Board -www.abcb.gov.au

NRG Sunhoods and Blades are design for Aesthetic and Energy Efficiency Purposes and are engineered for wind loading, not as a trafficable area (i.e. platform/support area).

Description (Standard length 2500mm)	Width (mm)	Front Height (mm)	Rear Height (mm)	Bracket Size (mm)
Sunhood -Window Awning	300mm	140/170mm	160/210mm	200mm
Sunhood -Window Awning	450mm	140/170mm	160/210mm	300mm
Sunhood -Window Awning	600mm	140/170mm	160/210mm	450mm
Sunhood -Window Awning	750mm	140/170mm	160/210mm	600mm
Sunhood -Window Awning	900mm	140/170mm	160/210mm	750mm
Blades	As Above	140/170mm	160/170mm	As Above

* Subject to site orientation of structure by qualified design professional and engineers specifications, together with the limitations governed by physical dimensions due to manufacturing processes

** NRG Energy Building Systems reserves the right to alter dimensions of Sunhood and Blades. *** Special Sizes' within the limit of widths shown may be ordered -price on application.

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Sunhoods & Blades

Design Simplicity-Energy Efficient-Building Systems



METAL BRACKETS



INSTALLED SUNHOOD



RENDER COAT



PAINTED FINISH

NRG Sunhoods & Blades, will enhance the architectural appearance of modern building design, whilst providing both 'shading' and 'weather' protection over windows and doors. NRG Sunhood & Blades designed simplicity, allows for speedy installation and finished with an extensive choice of textures and colour finishes.