

CIRSD - CIRCULAR SKYDOME

The Circular Skydome can be manufactured to suit any roof profile and creates a fantastic feature wherever used in building design. The Circular Skydome can be thermoformed as one piece up to a 2000mm diameter without the need for glazing bars, making it an extremely cost effective way of making a bright statement.

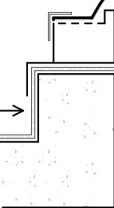
Unique Benefits

- Large range of standard sizes available.
- Suitable for roof pitches down to 1 degree.
- Can be adapted to suit any roof profile.
- UV skyguard acrylic - Provides 99% UV block out.
- Base and trim can be colour-coated to match almost any roof colour.
- Thermoformed acrylic glazing ranging up to 2000mm diameter as one piece. **No glazing bars required.**

CONCRETE HOB

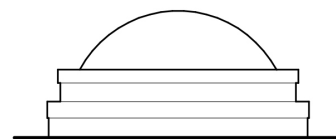
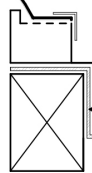
99% UV Skyguard
Acrylic Dome

Waterproof
Membrane

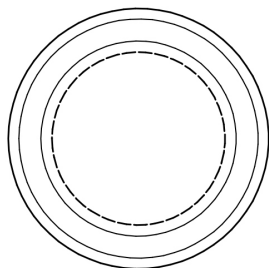


TIMBER HOB

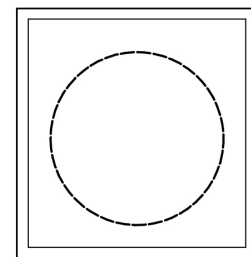
Waterproof
Membrane



CONCRETE HOB ELEVATION



CONCRETE HOB PLAN



TIMBER HOB PLAN

CIRSD - CIRCULAR SKYDOME

Specification

Skylight to be Traditional Skydome Skylight, model number CIRSD_____ as manufactured by Skydome Skylight Systems Ltd. Roof opening size _____mm diameter.

The Skydome is to be ventilated/non-ventilated with base manufactured from (state material). The glazing is to be:

Glass Acrylic Single Glazed Opal Clear
 Acrylic Dome Hi-impact Dome Polycarbonate Dome Corrugated Tile Metal Deck

Other _____

The base is to be colour-coated _____ to match the roof colour.

Tech Specs

BASES

All bases are supplied as easy to install units and are normally manufactured from zincalume or galvanised steel. Where required, also available in

- Aluminium
- Copper
- Stainless steel

COLOUR COATING

The CIRCULAR SKYDOME base and flashing can be powdercoated to match any colourbond roof colour. This provides an attractive finish whilst at the same time offering extra protection against the elements.

- Nominate colour

GLAZING

A CIRCULAR SKYDOME is normally supplied with either 3mm, 4.5mm or 6mm opal, clear or tinted UV Skyguard™ acrylic, dependent on size. Also available are Hi-impact acrylic which are ideal for public amenities and schools.

VENTILATION

A CIRCULAR SKYDOME can be supplied vented or non-vented. Vented units are recommended for wet areas such as bathrooms, laundries, ensuites and toilets. Non-ventilated units are normally recommended for all air conditioned areas of the home.

Compliance

All Skydome Skylights are third party certified to comply to AS4285.

Certification for cyclonic and energy efficiency properties are available as required. Skydome is Basix ready.

Warranty

All Skydome Skylights and installations carried out by Skydome tradesman are guaranteed for seven years.

Maintenance

The domed glazing and the roof slope provide a self cleaning action, however, it is recommended that soapy water or a detergent solution be used to clean when necessary. The base and flashing tray should be kept clear of leaves and debris.

Product Data/Size Range ^{*Vent area can be increased or decreased to suit your requirements}

Specification Code	Opening Size mm ø	Glazing Thickness mm	Light Area m ²
CIRSD550	550	3	0.238
CIRSD800	800	3	0.503
CIRSD1000	1000	3	0.785
CIRSD1200	1200	4.5	1.131
CIRSD1500	1500	4.5	1.767
CIRSD1800	1800	4.5	2.540
CIRSD2000	2000	6	3.142

Material Properties

Material Description	Standard Acrylic	Standard Acrylic	Standard Acrylic	High Impact Acrylic (2)	Polycarbonate (2)
Type Thickness (3)	Opal 3mm	Clear 3mm	Tinted (1) 3mm	Opal 3mm	Clear 3mm
Shading Coefficient	0.78	1.03	Dependent upon colour and thickness	0.71	1.02
Light Transmittance Average %	53	92	Dependent upon colour and thickness	42	90
Solar Energy Transmittance Average %	58	88	Dependent upon colour and thickness	49	87
Impact Strength (J)	2.3	2.0	Dependent upon colour and thickness	24.6	20.3

Notes: (1) Data on colours can be provided once colour selection is made (this also applies to high impact) (2) Used where high impact strength is required (3) Other thickness, i.e. 4.5mm and 6mm, available