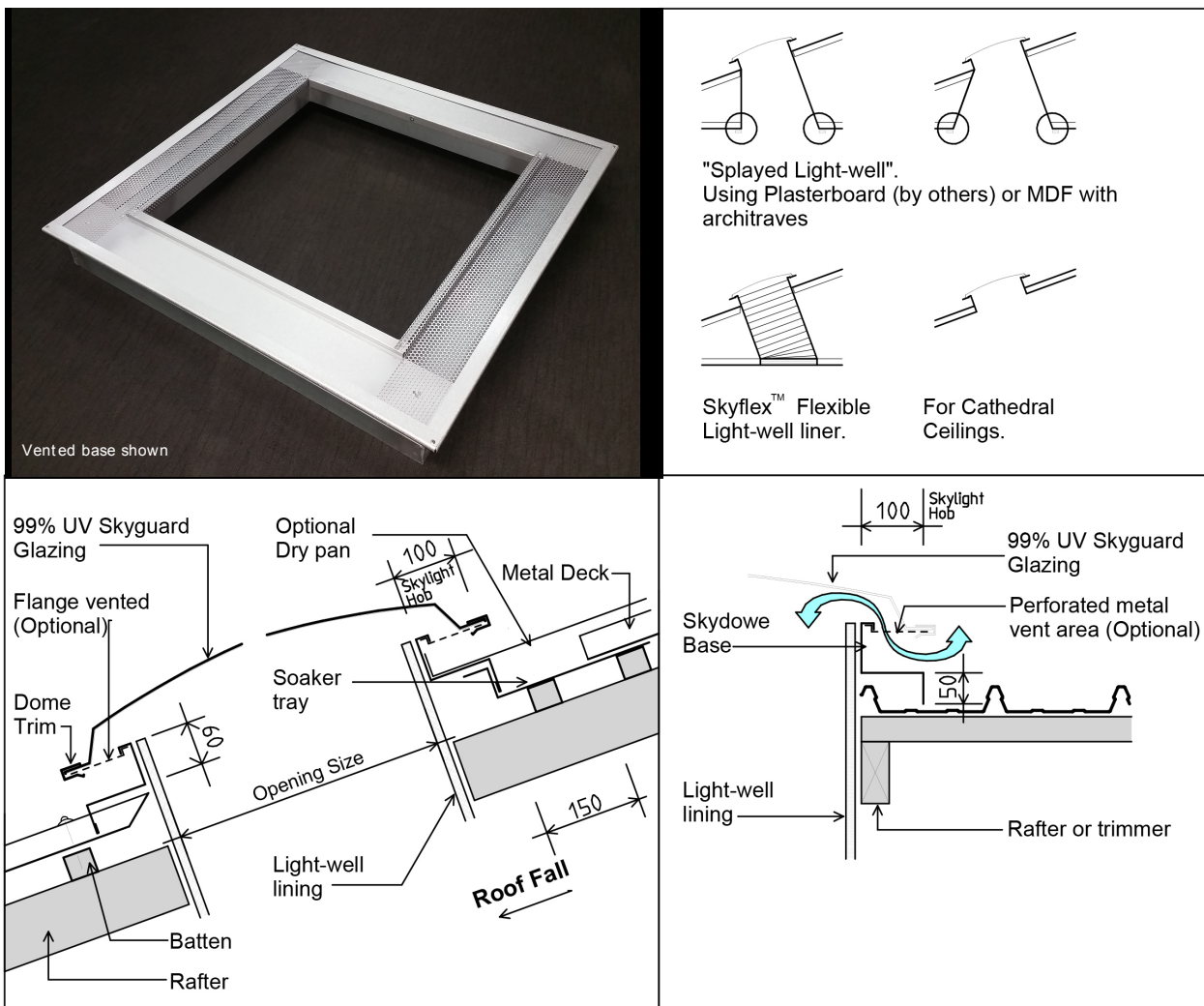


SD – TRADITIONAL SKYDOME FOR METAL DECK ROOFING

The metal roof skylight specifically designed to accommodate just about any metal deck roof profile available in Australia. The vast range of sizes enables designers to specify an energy efficient means of providing natural light and ventilation economically.

Unique Benefits

- Can be installed on roof pitches as low as 1 degree.
- Large range of standard sizes available.
- Skydome's versatile design allows cost effective manufacturing of 'project specific' skylights made to any size, shape, glazing or building code requirement.
- UV skyguard acrylic - provides 99% UV blockout.
- Base and trim can be colour-coated to match almost any roof colour.
- Thermoformed acrylic glazing ranging up to 2000mm x 2000mm as one piece. **No glazing bars required.**



SD – TRADITIONAL SKYDOME FOR METAL DECK ROOFING

Specification

Skylight to be Traditional Skydome Skylight, model number SD_____ for metal deck roofing, as manufactured by Skydome Skylight Systems Ltd. Roof opening size _____mm x _____mm

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

Glass Acrylic single glazed double glazed Opal Clear Tint
 Acrylic Dome Hi-impact Dome Polycarbonate Dome Other _____

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

Tech Specs

BASES

All bases are supplied as one piece units manufactured from zincalume and are specifically designed for easy watertight installations on metal deck roofing. Where required, also available in

- Aluminium
- Copper
- Stainless steel

COLOUR COATING

The METAL DECK / HOB 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 Skydome is normally supplied with a modern, low silhouette 3mm opal, clear or tinted UV stabilized Skyguard™ acrylic, however 4.5mm and 6mm acrylic are also available and any other glazing type or profile can be specified as required.

As a guide, Hi-impact acrylic or polycarbonate is ideal for public amenities and schools, while Laminated glass can be specified for a low profile look or in areas where fire hazard is a concern. For more information refer to specific tech specs for pyramid, circular, non-combustible and sound rated skylights.

VENTILATION

A Skydome can be supplied vented, 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. Mechanical ventilation can also be incorporated with a Skydome with the use of a Skyfan. This can be mounted in the dome at roof level.

Product Data/Size Range *Additional/custom sizes manufactured to order*

Square Base			Rectangular Base		
Specification Code	Opening Size mm x mm	Light Area m ²	Specification Code	Opening Size mm x mm	Light Area m ²
SD550	550 x 550	0.303	SD400/700	400 x 700	0.280
SD800	800 x 800	0.640	SD550/800	550 x 800	0.440
SD1000	1000 x 1000	1.000	SD550/1100	550 x 1100	0.605
SD1200	1200 x 1200	1.440	SD550/2100	550 x 2100	1.155
SD1500	1500 x 1500	2.250	SD800/1100	800 x 1100	0.880
SD1800	1800 x 1800	3.240	SD800/1400	800 x 1400	1.120
SD2000	2000 x 2000	4.000	SD800/2100	800 x 2100	1.680

Material Properties

Material Description	Standard Acrylic	Standard Acrylic	Standard Acrylic
Type Thickness (3)	Opal 3mm	Clear 3mm	Tinted (1) 3mm
Shading Coefficient	0.78	1.03	Dependent upon colour and thickness
Light Transmittance Average %	53	92	Dependent upon colour and thickness
Solar Energy Transmittance Average %	58	88	Dependent upon colour and thickness
Impact Strength (J)	2.3	2.0	Dependent upon colour and thickness

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

Compliance

All Skydome Skylights are third party certified to comply to AS4285. Certification for fire, acoustic, 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. All electric components carry a 12 month guarantee and other accessories such as exhaust fans and blinds are subject to the original manufacturer's guarantee.

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.

Accessories

SKYFAN

Combines skylight with mechanical ventilation system mounted in the glazing or at ceiling level to meet forced ventilation needs.

SKYSHADES

Block-Out blinds or Solar-Control blinds.

DIFFUSERS

A range of optional ceiling diffusers are available. Choices include prismatic, sea-drift and open cell.