

# Roof Window Selection Guide





## ROOF WINDOWS

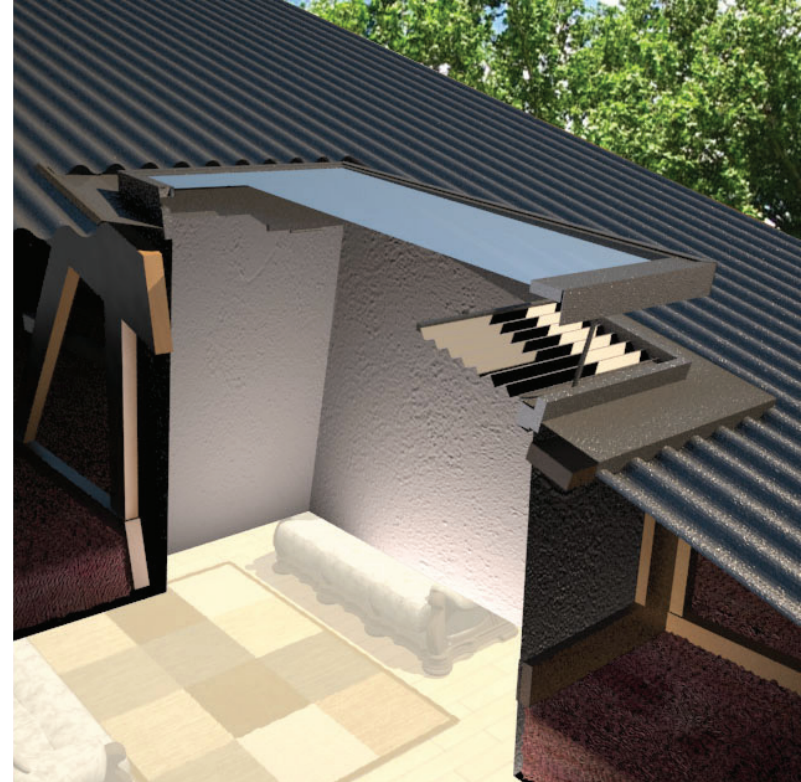
The inclusion of skylights or roof windows can enhance both the aesthetics and environmental efficiency of a building. They introduce natural light, reducing the need for artificial lighting and improve energy efficiency ratings. In colder climates, skylights can contribute to passive solar heating, further reducing energy consumption.

Vented roof windows can introduce natural ventilation to a room, helping to reduce air humidity and condensation, making them perfect for bathrooms and kitchens.

ACOL Skylights and Roof Windows manufactures an extensive range of quality Roof Windows readily available in a range of standard sizes to suit any room in your home.

Our windows are designed to be installed in either new or existing structures and allow designers, architects, renovators and builders the opportunity to bring NATURAL light, FRESH air and WOW-factor into any part of a building.

- ✓ Natural lighting
- ✓ Natural ventilation (opening models)
- ✓ Thermal insulation
- ✓ Toughened glass
- ✓ Energy efficient glazing
- ✓ Made in Australia from quality materials to suit Australian Standards (AS4285-2019)
- ✓ Constructed from non-combustible materials and suit up to BAL-29 (AS3959)



## OPENING ROOF WINDOWS

The Opening Roof Window range is our premium window product. These provide abundant natural light and controllable ventilation. All manual opening premium windows are fitted with flyscreens and block-out blinds as standard. These models feature a heavy-duty chain operator which is engineered for skylights (in a horizontal plane).

The Premium Range comes standard with Double glazed Low Emissivity (or Low-E) solar-glass that reflects heat. The external material can be colour matched to your roof (standard finish is Zinalume). Available in 5 standard sizes with tray options for Tile or Corrugated (CGI) roofs.

- ✓ Combo manual flyscreen & blind cartridge for manual windows. Flyscreen only for electric opening windows.
- ✓ One-piece assembly includes roof flashing tray, pre-fitted (roof specific)
- ✓ Powder coated white aluminium frames: rot-free and no need to paint, EVER
- ✓ Low E glass, reduces heat gain
- ✓ Double glazed reduces condensation
- ✓ Heavy-duty chain operator for within reach applications
- ✓ Options available: motorized opening, remote control, rain sensor, electric blind
- ✓ Colour options: Colorbond match to your roof for that professional finish. Choose from the Standard ColorBond range of colours. Optional Black internal frames.

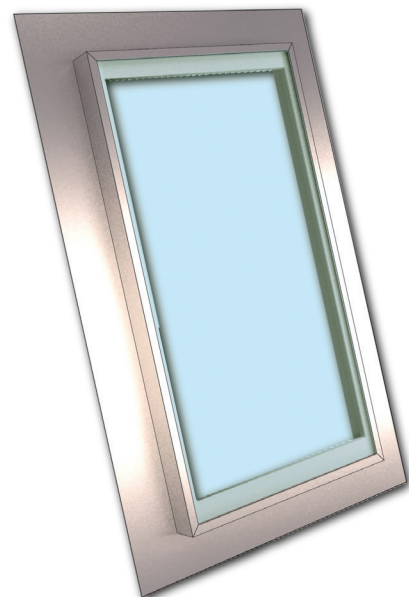


## FIXED ROOF WINDOWS

The Fixed Roof Window range is the cost-effective natural daylight solution when the requirement is for light only, not ventilation.

The Fixed Roof Window is a one-piece assembly from powder coated white aluminium frame and Zinalume; includes roof flashing tray. It features double glazed Low-E solar-glass optimised for Australian conditions.

- ✓ One-piece assembly includes pre-fitted roof flashing tray (roof specific), for easy install
- ✓ Powder coated white aluminium frame: rot-free and no need to paint, EVER
- ✓ Double glazing reduces condensation
- ✓ Low-E coating reduces solar heat gain
- ✓ 6mm toughened glass outer-panel





## WHY SKYLIGHTS?

Installing skylights in homes and buildings offers a range of benefits, making them a popular choice for enhancing natural light and improving indoor environments. Below is a summary of key reasons to consider installing skylights:

### 1. Increased Natural Light

- Brightens spaces: Skylights introduce natural light into areas that might otherwise be poorly lit, such as rooms with few or no windows. This can make spaces feel more open and inviting.
- Reduced dependence on artificial lighting: More daylight can reduce the need for artificial lighting during the day, potentially lowering electricity bills.
- Vertical light entry: Skylights can provide light from above, which can be particularly useful in rooms with limited wall space or in spaces that are not easily accessible for window installation.
- No obstructions: They often allow for unobstructed light entry, reducing shadows and distributing light more evenly throughout the room.

### 2. Health and Well-being

- Circadian rhythm regulation: Exposure to natural light helps regulate the body's internal clock and increases the production of serotonin, improving sleep patterns and overall well-being. Proper light exposure can also reduce the risk of Seasonal Affective Disorder (SAD), which is a type of depression that occurs at specific times of the year, typically in the winter months when natural light exposure is reduced.
- Mood enhancement: Natural light is known to boost mood and reduce feelings of depression and anxiety.
- Productivity and cognitive function: Adequate natural light in work and living spaces is associated with increased productivity and improved cognitive function.



### 3. Energy Efficiency

- Reduced heating costs: Skylights can help with passive solar heating, allowing sunlight to warm a room naturally and reducing the need for heating systems.
- Improved ventilation: Many skylights are operable, allowing for natural ventilation and reducing the need for air conditioning by letting hot air escape from the top of the room.

### 4. Aesthetic Appeal

- Architectural interest: Skylights can enhance the architectural design of a home or building, adding a modern and stylish element.
- Enhanced views: They offer views of the sky and surroundings that might not be visible from traditional windows, adding to the visual appeal.

### 5. Space Utilization

- Light in unconventional areas: Skylights can illuminate spaces where traditional windows are impractical, such as in rooms with slanted roofs, interior spaces, or rooms without exterior walls.
- Increased perceived space: Natural light can make spaces feel larger and more open, improving the overall ambiance.

### 6. Sustainable Design

- Eco-friendly: By maximizing natural light, skylights help reduce reliance on artificial lighting and can contribute to more sustainable building practices.

### 7. Increased Property Value

- Market appeal: Homes and buildings with well-designed skylights often have higher market appeal, which can potentially increase property value.

## GET IN TOUCH

**We're here to help you!**

Our friendly staff are here to assist with your every inquiry, no matter how simple or technical, don't hesitate to give us a free call within regular business hours

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