

HANDILITE[®]

NATURAL LIGHTING SOLUTIONS

Certified Product
Australian Standard AS4285



ROOF WINDOWS - ROUND SKYLIGHTS
HIGH PERFORMANCE SKY LIGHTS
ACCESS HATCHWAYS - ROOF VENTS

ROOF WINDOW PLUS

DIY ● ● ● ● ● TRADESMAN

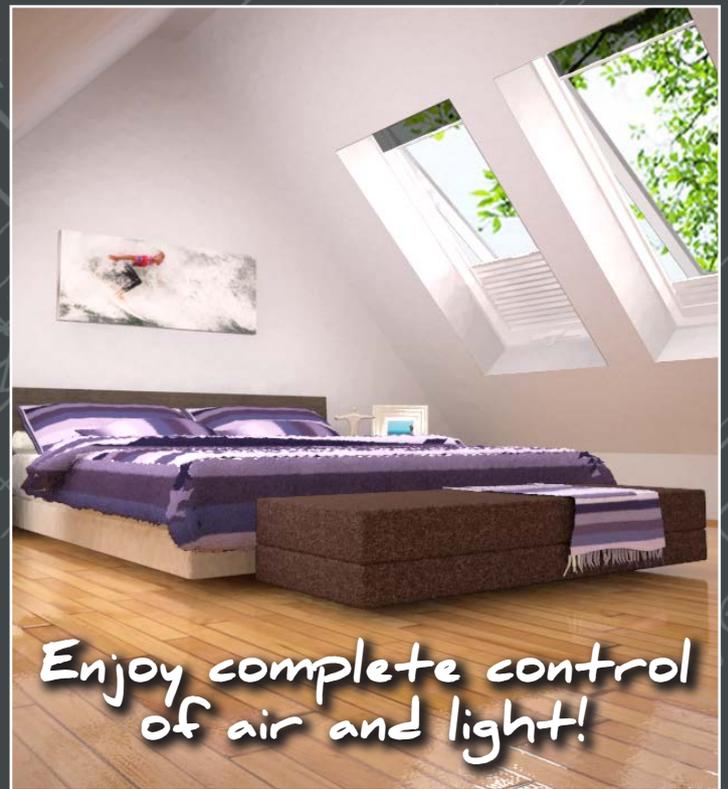
HandiLite® Roof Windows are pleased to announce an exciting new range of roof window products for the Australian market. Australian owned and Australian made, our unique design and comprehensive range of features ensure that HandiLite is the best choice you can make for your new home or renovation.

All HandiLite window frames are fabricated from Powder Coated, High Strength Aluminium - not painted timber. This ensures a superior long-lasting product without the need for painting and other maintenance and will not crack or ROT!!

HandiLite Roof Windows can be installed to roofs with a pitch as low as 2 degrees without the need to raise the window on an elevated parapet. This helps to keep your installation costs to a minimum. All Windows are fabricated with a one piece roof-specific soaker tray (Tile, Deck, Corrugated, etc) to ensure a weather proof and durable finish.

The one-piece roof assembly means easy installation, with no time wasted building the window yourself. The Roof Window's unique awning profile is ideally shaped to shed rain, ice and snow, even when partially open.

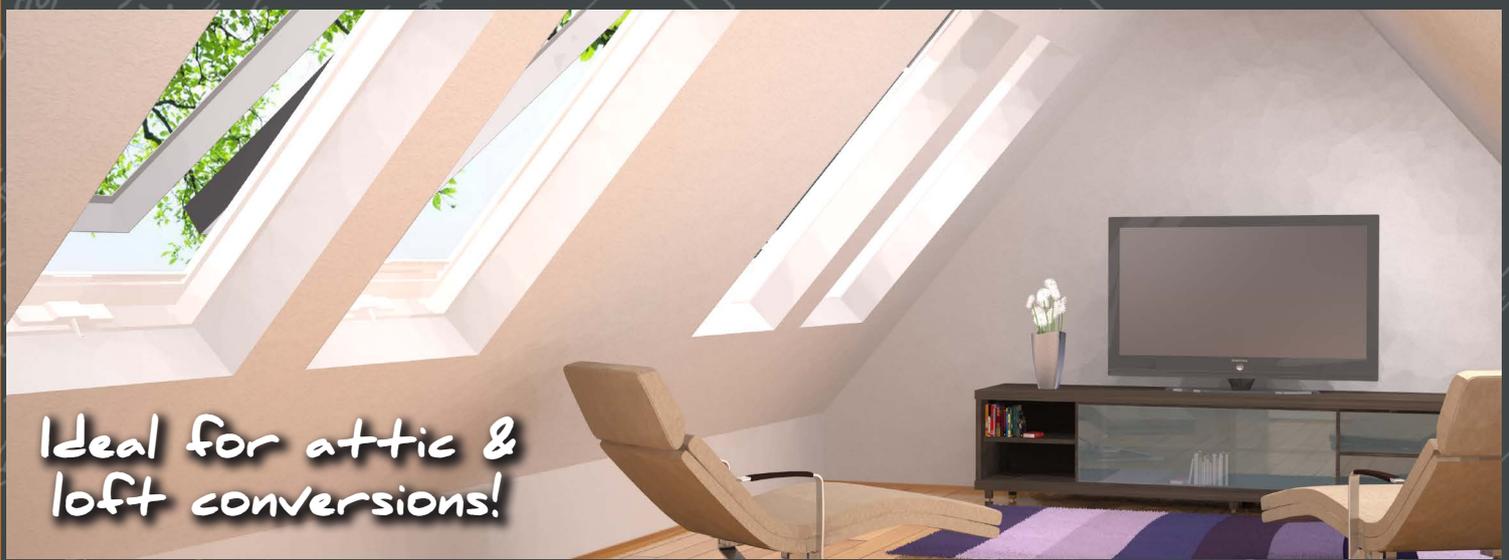
All HandiLite Roof Window Plus windows are glazed with **Viridian SmartGlass™**, a hardcoat Low E coating providing exceptional solar control and insulation for your windows. Our Opening windows are supplied standard with a fitted Flyscreen and a sturdy chain operator for simple and trouble free function.



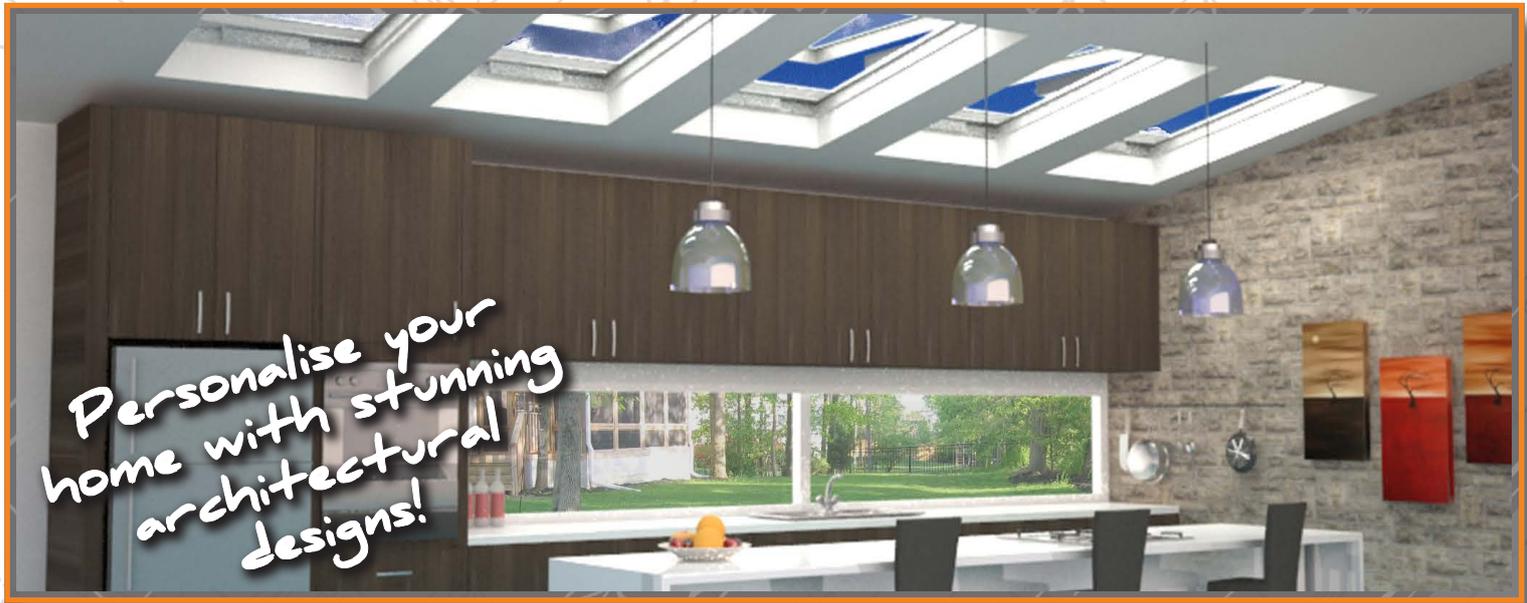
Enjoy complete control of air and light!

We also offer a unique combination Solar Blockout Blind/Shade Screen option that is one of the most exciting new features on the Australian market. Not only is the high quality blind fully retractable but the Flyscreen can also be retracted to provide the viewer with a clean and uninterrupted view of the outside world whenever they desire.

Don't forget the HandiLite Roof Window PLUS is all about choice. Options available include motorised RF remote opening mechanisms or manual extension rod & hook kits for out of reach windows. Solar Blockout blinds, rain sensors, and Colorbond® colours are also available.



Ideal for attic & loft conversions!



LET'S TALK PERFORMANCE

HANDILITE HAS PARTNERED WITH AUSTRALIA'S LARGEST GLASS MANUFACTURER, **VIRIDIAN GLASS**, TO OFFER A UNIQUE, HIGH PERFORMANCE GLAZING SPECIALLY DESIGNED TO SUIT OUR UNIQUE AUSTRALIAN CLIMATE!

- **SmartGlass™** represents the latest technology in enhanced energy efficiency. Manufactured using hardcoat Low E coating for excellent durability **SmartGlass™** is uniquely designed for maximum light transmission and optimum SHGC (Solar Heat Gain Coefficient) reduction.
- **SmartGlass™** translates directly into a reduction in both Glare and Solar Heat Gain in your home.
- **SmartGlass™** is more efficient than traditional double glazing when it comes to insulating your home, not only keeping you cool in summer but also keeping you warm in winter by reflecting over 80% of your home's interior heat back into your living areas.

| SmartGlass™ Panoramic Properties | Visible trans. % | Visible reflect % (external) | Visible reflect % (internal) | Solar trans. % | Solar reflex. % | UV trans. % | U Value (W/m2C) | Shading coeff. | SHGC |
|--|------------------------|------------------------------------|------------------------------------|----------------------|-----------------------|-------------------|--------------------|-------------------|------|
| | 63 | 9 | 10 | 45 | 8 | 41 | 3.7 | 0.62 | 0.53 |

- Save money on your annual heating and cooling bills while boosting your homes Energy Star Rating.
- Our optional blinds incorporate a layer of a specially formulated thermal insulating coating which effectively blocks out almost all light from outside and increases insulating properties of the window even further.

ENJOY A MORE COMFORTABLE LIVING ENVIRONMENT YEAR ROUND, AND INCREASE THE VALUE AND APPEAL OF YOUR HOME WITH A HANDILITE ROOF WINDOW.

STANDARD SIZES

| | |
|----------------|----------------|
| 800mm x 550mm | 1000mm x 800mm |
| 1000mm x 550mm | 1400mm x 800mm |
| 1400mm x 550mm | |

STANDARD FEATURES

- **VIRIDIAN SMARTGLASS™ PANORAMIC GLAZING**
- ONE PIECE ASSEMBLY INCLUDING ROOF FLASHING TRAY
- POWDER COATED ALUMINIUM FRAMES
- HANDLE WINDER (FOR WITHIN REACH APPLICATION)

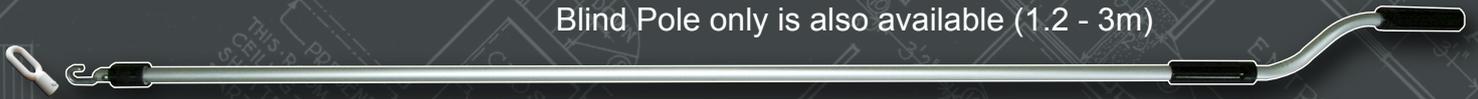


OPTIONAL ACCESSORIES

The HandiLite® Roof Window PLUS range is our premium range of Windows and feature an exclusive hi-torque chain operator which is rated to more than 25kg sash weight. All PLUS Windows are fitted with nylon flyscreens as standard, while aluminium and stainless steel screens are optional.

Don't Forget – Manual Blockout blinds are also available to suit all of our standard windows sizes.

EXTENSION ROD & HOOK KIT For manual operation of high windows & blinds (1.8m - 3m)
Blind Pole only is also available (1.2 - 3m)



MOTORISED DRIVE



Motorised drive control system 240V "Power and Play" with RF Remote Control that can operate up to 4 windows per Remote.

Power point access required.

RAIN SENSOR



Multi-window automatic heated rain sensor can control any number of windows within a 10 metre radius.

BLIND SCREEN COMBO



Retractable Solar Blockout Blind and Shade Screen keep the sun and insects out while giving you complete control of how much light you let in.

"Our home looks great and the energy savings are a bonus!"

COLORBOND OPTIONS Expertly match your roof for that professional finish. Zinc and galvanised flashing also available on request.

Colour Range:

| | | | | | | |
|-----------|---------------|------------|---------------|-----------|------------|--------------|
| | Monument | Deep Ocean | Cottage Green | Jasper | Wallaby | Cove |
| Manor Red | Woodland Grey | Ironstone | Mangrove | Gully | Dune | Evening Haze |
| Terrain | Basalt | Windspray | Pale Eucalypt | Paperbark | Shale Grey | Surfmist |

The Colorbond steel colours shown on this page have been reproduced to represent actual product colours as accurately as possible. However, we recommend checking against an actual sample of the product before purchasing as limitations of print colours may affect colour tones.



Sleek modern appearance to colour match your roof!



Typical plaster shaft installation

Plaster shaft not supplied.

Roof Windows are the natural choice!

FAQ

Will the HandiLite Roof Window fit my roof?

HandiLite Roof Windows are designed with a roof specific soaker tray which is fabricated to suit either a Tile, Corrugated Iron or Deck roof Profile. These three roof profiles are not interchangeable; so ensure you order the window type which is right for your roof. The HandiLite Roof Window Plus can also be specially ordered for slate or decramastic roofs.

How do I install a HandiLite Roof window?

HandiLite Roof Windows have a revolutionary one piece frame and soaker tray which is designed to simplify the installation process. Installation to the roof level of any home should be well within the capabilities of any competent home handyman.

How will I operate windows which are installed out of reach?

All HandiLite Opening Windows are designed for ease of use. Our standard model is supplied with a slimline chain operator with a winder handle. For windows which are too high for standard operation, we also offer a 3 metre extension rod and hook system which is simple to use and inexpensive to purchase.

Is there a remote option?

For 'state of the art' remote control operation the HandiLite Roof Window Plus is available with a high quality 240volt 'Power'n'Play' remote motor. Simple, modern and functional options for any home and any budget. It must also be considered that the 240 volt motor accompanying the remote windows will require access to a power source. If you do not

have such a power source in a suitable position to operate the window you may need to engage a qualified electrician to provide this connection.

Will our home be heated up in summer with the addition of a roof window?

Direct sun on any window can increase the temperature of the air inside the glass. For this reason HandiLite Roof Window's offer a solar blackout blind as an optional accessory. This combined with the Active Insulation Technology of the Viridian Smart Glass means the HandiLite Roof Window Plus is uniquely designed to offer the best protection for your home and family from the harsh Australian sun.

For more FAQs please visit www.handiliteskylights.com.au

HANDILITE 300MM & 400MM DIAMETER

DIY ● ● ● ● ● TRADESMAN



The HandiLite is the ideal DIY product, constructed with a soft, malleable aluminium soaker tray which can be easily formed to suit your roof profile. The dome is made from tough, impact resistant, molded acrylic which filters out 95% of UV Radiation.

The HandiLite is perfect for smaller rooms such as Toilets, Ensuites and Laundries.

- Available in 300mm round or 400mm round sizes.
- Durable, aluminium soaker tray can be molded to suit either tile or corrugated roofs.
- Comes complete with a standard 2 metre length of flexible Mylar Shaft.
- Topped with an impact resistant molded acrylic dome.
- One piece roof assembly for simple installation.
- Complete with ceiling ring, diffuser and all fixings.

ROOF ACCESS HATCHWAYS

DIY ● ● ● ● ● TRADESMAN

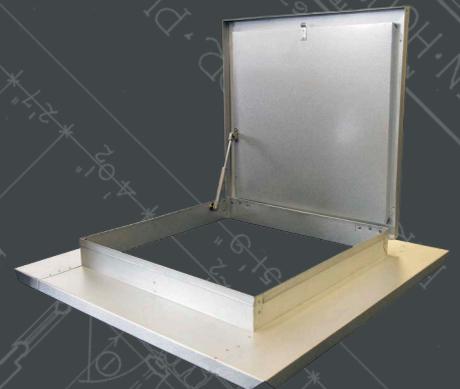
HandiLite Skylights manufacture a range of Standard & Commercial grade Hatchways for safe & convenient roof access.

STANDARD ACCESS HATCH

100% Roofing-Grade zinalume Hatch which is specifically designed as a sturdy and economical option for applications where occasional roof access is required, such as servicing of Air Conditioners and Solar Panels etc.

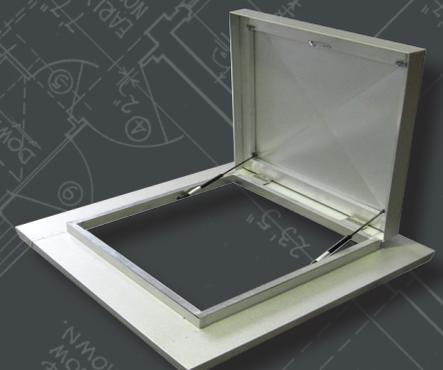
COMMERCIAL ACCESS HATCH

- Unique, lightweight and sturdy RHS aluminium subframe.
- Hatchways can be fabricated from a variety of materials including plain zinalume, Colorbond, or galvanised steel depending on your needs.
- We can also incorporate a tough powder coated finish to the frame, if required.
- We can even glaze our hatches with TwinWall Polycarbonate giving you the benefits of a skylight with the versatility of an access hatchway.
- Gas struts are standard on all our hatches to ensure ease of use.
- Toggle bolts & "D" handles are available with all Access Hatchways on request. You can also nominate whether you require an interior or exterior locking option.



STANDARD ACCESS HATCH

| | |
|--------------------|---------------|
| 600mm ² | 800mm x 600mm |
|--------------------|---------------|



COMMERCIAL ACCESS HATCH

| | | | | | | |
|--------------------|--------------------|--------------------|---------------------|---------------|----------------|----------------|
| 700mm ² | 800mm ² | 900mm ² | 1200mm ² | 800mm x 600mm | 1000mm x 600mm | 1200mm x 600mm |
|--------------------|--------------------|--------------------|---------------------|---------------|----------------|----------------|

SUPALITE PLUS INSULATED SKYLIGHT

DIY ●●●●● TRADESMAN

The SupaLite is a premium range of skylights which can be customised to suit your needs. Available in a range of standard sizes to suit any room or area that could use a touch of brightening up.

- Square and rectangular units are topped with flat TwinWall Polycarbonate domes, rather than molded acrylic domes, for optimal light transmission, incredible strength and top of the line insulating properties.
- Roof specific zinc tray to suit tile, corrugated or deck profile roofs. Available in Colorbond® or Gal for a small surcharge.
- Supplied standard with a 2 metre length of flexible Mylar Shaft. Additional shaft also available.
- HandiLite also offer glass domed skylights upon request, ensuring compliance with Australian Standard 3959 - code for building in bushfire prone areas.
- Also available as roof assemblies to accommodate plaster shaft or shaft free installations.



| DOMES MATERIAL | LIGHT TRANSMITTANCE | SHADING COEFFICIENT | U FACTOR |
|------------------------|---------------------|---------------------|----------|
| Twinwall Polycarbonate | 82% | 0.91 | 3.6 |

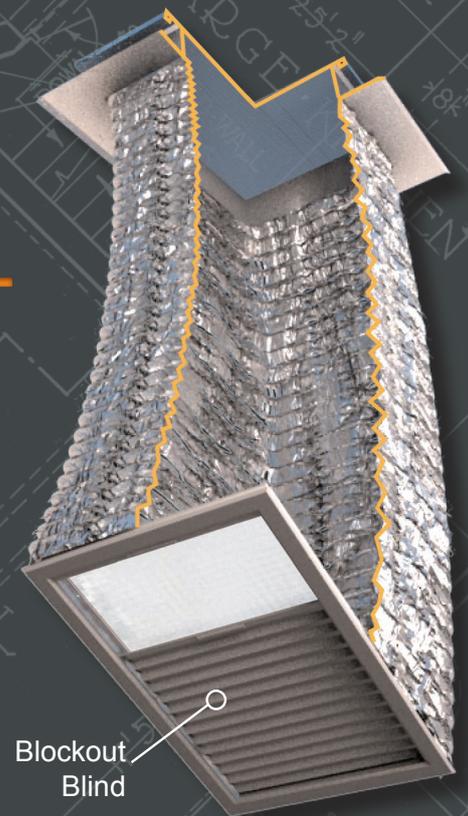
Polycarbonate tested in accordance with Australian Standards AS1530.3 1982 (Fire Ratings) and AS1170 Part 1 - 1981 (Load tests). 10 Year Structural Guarantee.

BLOCKOUT SKYLIGHT

The HandiLite Blockout Skylight utilises a unique, retractable Shade and Solar Blockout Blind combo that gives you complete control of how much light you let into your home. While the Solar Blockout Blind features a reflective metallic coating on the inside of the skylight to eliminate both light and heat, the Shade Blind is designed with a transparent shading material to soften light.

This versatile combo is ideal for bedrooms, bathrooms, kitchens, or anywhere you want complete control of how much light you let into your home.

Optional Blind Pole (1.2m - 3m) is also available.

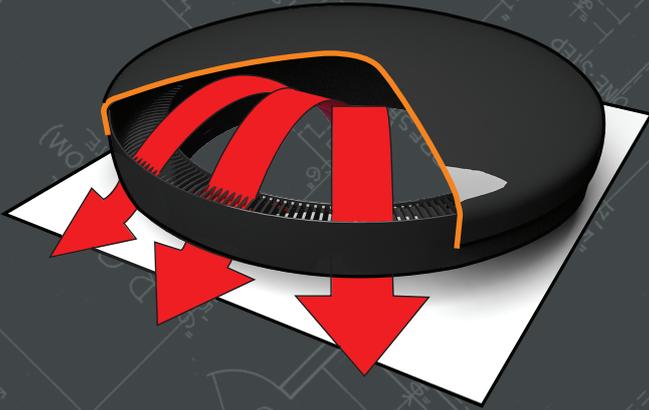


SUPALITE PLUS SIZE CHART

| | | | | | | | |
|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------|
| ROUND | 300mmØ | 400mmØ | 500mmØ | - | - | - | - |
| SQUARE | 400mm ² | 500mm ² | 600mm ² | 700mm ² | 800mm ² | 900mm ² | - |
| RECTANGLE | 600mm x 400mm | 700mm x 500mm | 900mm x 500mm | 800mm x 600mm | 1000mm x 600mm | 1000mm x 800mm | 1200mm x 600mm |
| BLOCKOUT SKYLIGHT | - | 700mm x 500mm | 900mm x 500mm | - | - | - | - |

STATIC DIY ROOF VENT

DIY ● ● ● ● ● TRADESMAN



Sturdy, durable and made from the highest quality weather resistant materials, the HandiLite DIY Static Roof Vent offers all the performance of standard roof venting systems but in a slimline, low profile finish which is designed to complement your homes appearance.

The HandiLite Roof Vent is the economical solution for your roof ventilation requirements.

- Passively reduces heat from Roof Cavity.
- Superior thermal transmission.
- Simple four step installation.
- Suits Tile & Corrugated roofs.
- Modern, Sleek, Low Profile Design.

ABOUT US

HandiLite is a division of ACOL Skylights and Roof Windows - a premier manufacturer and supplier of natural lighting solutions to the Australian market. We employ clean, modern designs, underpinned by the latest technology to create a range of roof windows and skylights ideal for any home or business.

HandiLite products are available from a large network of hardware stores Australia wide.

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INSTALLATION SKILL GUIDE

| | |
|-----------------------|-------------------------|
| HandiLite & Roof Vent | DIY ● ● ● ● ● TRADESMAN |
| SupaLite | DIY ● ● ● ● ● TRADESMAN |
| Roof Window PLUS | DIY ● ● ● ● ● TRADESMAN |
| Access Hatchway | DIY ● ● ● ● ● TRADESMAN |

INSTALLATION INSTRUCTIONS

Each HandiLite product is supplied with easy to follow installation instructions. These instructions can also be viewed at our website.

