



Keylite

Roof Windows

Why Keylite?



Extra performance, no extra costs

Keylite includes all its great features as standard, where other roof windows may require the use of additional cost accessories, just to achieve the same performance as Keylite.



Proven design, quality materials

ADLUX, New Zealand's leader in Skylight reliability for over 50 years, now brings to New Zealand the proven Keylite range.

This Roof Window is manufactured to meet the stringent UK and European markets and the demanding New Zealand climatic conditions. All Keylite timber is 100% FSC® approved from well managed forests, so you can be assured of our responsible environmental credentials.



Patented innovation

Keylite's innovation guarantees that the products' performance is unique.

Patents mean that other conventional roof windows do not share many of our extraordinary features, all of which are designed to enhance performance and simplify the installation, operation and maintenance of our products.



10 Year guarantee

Keylite Roof Windows and Flashings are covered by a 10 year guarantee.

We are confident that our products will give trouble free performance throughout this period and beyond.

All electric components, blinds and accessories are covered by a 3 year guarantee.



Service

The Adlux technical experts are on hand to advise and assist you at the design and specification stage.

We are also available for supply of blinds and after-sales service at the contact printed at the back of this brochure.



Tested & Approved

We take time to seek and win approval from relevant national bodies for our products.

Keylite has been tested to the weather tightness standard (AS4285) by a leading, NATA accredited, weather tightness testing lab. Report no. 2014-047-S2 (available on request)

Our third party certifications give you the confidence that Keylite is the correct choice.

Better Value!



**Free Integrated
Thermal Collar**



**Recessed Fit as
Standard**



**Warm Edge Glazing
as Standard**



British
Standards
Institution



Compliance
with EU
legislation



BBA Certification
For Centre Pivot
Windows



National Building
Specification
Approved



FSC®
Certified



Rainforest
Alliance Certified™



Accredited
Laboratory
No. 2371

Keylite Range



Fixed Roof Window - Page 2

See the sky and experience all the benefits of natural daylight in your home with a non opening Keylite Roof Window.



Top Hung Roof Window - Page 2

Maximise natural daylight and ventilation in your home with the manual or electric opening Top Hung Keylite Roof window.



Centre Pivot - Page 5

Maximise natural daylight and ventilation in your home with the manual or electric opening traditional european style Keylite centre pivot Roof Window.



Full Extending - Page 9

Bring the outside indoors. The Keylite Fully Extendable Roof Window opens to 45° and is perfect to create that outdoor space we crave in attic rooms.

Key Features & Benefits

Unique Innovation **Flick-Fit Brackets**

Benefit - pre-fitted for faster installation and no more lost brackets.



Ventilation Handle

Benefit - trickle ventilation in all weather conditions, includes insect filter (Centre Pivot model).



Maintenance Free Hinge

Benefit - maintenance requirement eliminated (Opening windows).



Unique Innovation **Sash Hinge Finger Springs**

Benefit - The sash hinge finger spring allows the sash to be installed back into the frame in one smooth, effortless motion (Centre pivot model).





*"Not all windows are equal...
only Keylite has patented Flick-Fit technology"*

Flickin' Brilliant



Unique Innovation

Integrated Thermal Collar

Benefit - Providing an effective insulation barrier against heat loss or heat gain. Prefitted and easily activated following installation by simply pulling the release tapes.

Click-Fit Hood & Cover Flashings

Benefit - Fewer fixings and faster installation
Simply click the hood under the clips and secure.

Low Profile Hood

Benefit - Less visual obstruction to the roof.

Unique Innovation

UV Stabilised Sealant

Benefit - Sealant matched to New Zealand's specific conditions for a lasting leak proof seal.

Warm Edge Glazing

Benefit - Added protection against condensation.

Fixed Roof Window

Simple and **cost effective** natural light.

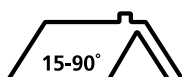
The Keylite Fixed Roof Window is perfect for bringing natural light into any building where ventilation is not required. Fixed roof windows provide all the same aesthetically pleasing features of all Keylite Roof Windows to seamlessly blend in and add value to your property.

Keylite Fixed Roof windows also come standard with Keylite's integrated thermal collar for better thermal performance and unique pre-fitted Flick-Fit brackets for faster installation.

With their high quality white polyurethane internal finish and clean, unobtrusive look, Keylite fixed windows are typically used in residential or atrium type applications.

Fixed Roof Window features

- > 15 - 90° Pitch range
- > White polyurethane internal finish
- > Grey outer finish
- > Warm edge double glazing
- > Choice of glazing spec's
- > Flick-Fit brackets
- > Integrated thermal collar
- > Glazing Thermal Performance U 1.1 / R0.91
- > Total Roof Opening Performance U 1.4 / R 0.71.



Options and Upgrades

Glazing Options

Standard Sun Guard glazing or customer specific.
Page 10



Surface Fitted Blind

Choose easy fitting Genuine Keylite blinds. Page 5



Installation Kits

Flashings and Enhanced Installation. Page 11



Top Hung Window

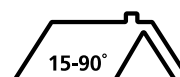
Maximise daylight and **natural ventilation**.

The Keylite Top Hung Roof Window gives you an unrestricted view of your surroundings, visually expanding interiors with daylight, fresh air and sky views. With an insect screen as standard, these windows are perfect for any rooms needing daylight and fresh air. Especially suited to New Zealand coastal environments. Available as manual operation or electric with a remote control for ease of operation.

Comes standard with Keylite's integrated thermal collar for better thermal performance and unique pre-fitted Flick-Fit brackets for faster installation.

Top Hung Window features

- › 15 - 90° Pitch range
- › Manual & Electric opening
- › White polyurethane internal finish
- › Grey outer finish
- › Warm edge double glazing
- › Choice of glazing spec's
- › Flick-Fit brackets
- › Glazing Thermal Performance U 1.1 / R0.91
- › Total Roof Opening Performance U 1.3 / R 0.77.



Options and Upgrades

Glazing Options

Standard Sun Guard glazing or customer specific. Page 10



Electric Operation

Fingertip control for out of reach windows. Page 9



Surface Fitted Blind

Choose easy fitting Genuine Keylite blinds. Page 5



Installation Kits

Flashings and Enhanced Installation. Page 11

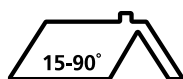
Centre Pivot Windows

The most popular traditional european timber roof window.

The ideal choice of Roof Window for most applications, bringing light deeper into your home. Use multiple Centre Pivot windows to create impact in brighter, lighter living spaces and attic conversions. The opening handle is unobtrusively placed at the top of the window and also controls ventilation, giving the option of fresh air flow even when the window is locked and secure. Centre pivot roof windows rotate a complete 180 degrees which allows easy, safe cleaning.

Centre Pivot Roof Window features

- > 15 - 90° Pitch range
- > Manual and electric opening
- > White polyurethane internal finish
- > Grey outer finish
- > Warm edge double glazing
- > Choice of glazing spec's
- > Flick-Fit brackets
- > Intergrated thermal collar
- > Glazing Thermal Performance U 1.1 / R0.91
- > Total Roof Opening Performance U 1.3 / R 0.77.



Options and Upgrades

Pine Finish

For a traditional timber look.



Integral Blind

The clever built-in shading solution. Page 5



Surface Fitted Blind

Choose easy fitting Genuine Keylite blinds. Page 5



Glazing Options

Standard Hi Therm or customer specific. Page 10



Electric Operation

Fingertip control for out of reach windows. Page 9



Installation Kits

Flashings and Enhanced Installation. Page 11



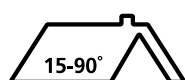
Full Extending Window

This window is ideal in roofs with a view.

Bring the outside indoors.

The Keylite Fully Extendable Roof Window opens to 45° and is perfect to create that outdoor space we crave in attic rooms as the multi-stop opening feature allows the user to simply push the window to any position between 0 - 45° and remain open for maximum flexibility. The window can also be used as a means of the safe roof access or a means of escape in the event of an emergency. The opening handle located at the bottom is easily accessible.

Effective Ventilation is provided by the vent flap at the top of the window which regulates the air flow, even when the window is closed.



Features

- › Flick-Fit installation - Pre-installed
- › Easy to use
- › Thermal performance
- › Click-Fit hood
- › Warm edge glazing
- › Additional visible glazing
- › All weather ventilation
- › Maintenance free hinge
- › Easy cleaning with 180° sash rotation
- › Glazing Thermal Performance U 1.1 / R0.91
- › Total Roof Opening Performance U 1.5 / R 0.67.



Power up Electric

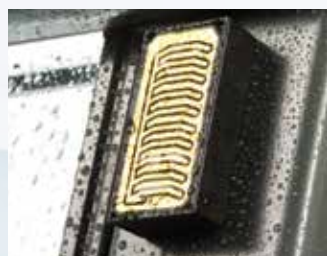
All Roof windows installed in **out of reach** locations can be opened with ease by selecting the electric option.

With fingertip control of ventilation and shade, as well as a rain sensor for automatic closing in the event of rain, the electric option is recommended for all installations over 2.5m high.

Options For:

- > Wall mounted control
- > Thermostatic control
- > Timer control
- > CO² venting
- > Electric blinds
- > Multiple window control for commercial applications
- > Retro-Fit an electric kit to your existing roof window

Available for Centre Pivot Roof Windows	Product Code
Single Electric Kit Includes motor, transformer and wall switch.	SEK
Premium Electric Kit Includes motor, remote control, plug-in transformer and rain sensor.	PEK
Coming Soon	
Solar Power Electric Kit Includes motor, remote control, Solar panel and rain sensor	SPEK
Available for Top Hung Roof Windows	Product Code
Premium Electric Kit Includes motor, remote control, plug-in transformer and rain sensor. <small>Note: Top Hung Roof Windows must be ordered as electric as they cannot be retrofitted</small>	RWE



Rain Sensor for auto closing.



Remote Control



Genuine Keylite Blinds

Create atmosphere with our specially designed blinds.
Control, block and soften daylight for every mood and space.

Clever Integral Blinds

The roof window with a blind sealed inside the glass for protection against moisture, dust and damage.

- › Factory-fitted blind, sealed inside the energy efficient double glazing unit.
- › Requires no cleaning - ideal for sterile and/or hygienic environments eg. hospitals or surgeries.
- › Provides enhanced sun-shading and improves the U-value of the sealed unit.
- › Available as manual for within reach or electric for out of reach situations.

Style Range

If Style is your thing, choose our elegant Style Blinds Range, it has everything you need.

- › Side rails for total 100% blackout.
- › Roller cover conceals fabric.
- › Thermal benefits - reducing heat loss by at least 20% (BBA tested).
- › 100% safety focused cordless operation.
- › **Surrounds**
Available with aluminium or white finish surround.
- › **Upgrade to electric**
Choose an electrical blind for automated opening and closing.
Integrates with electric window controls.

Solar Range

The quality and choice of Keylite Style, with the added benefit of our Innovative, Energy efficient Solar Powered Operation.

- › A perfect option to opening and closing blinds in areas difficult to access
- › Handheld remote control
- › Simple to install - No wiring required
- › Brushed Aluminium Surround
- › Solar panel located in the cassette which collects free energy from the sun



Designed for Efficiency

Futuretherm Technology

Unique expanding Thermal Collar that fills the gap.

This unique expanding thermal collar is built into the frame of every Keylite roof window. The collar expands to fill the gap between the frame and the roof timbers, providing an effective insulation barrier against heat loss or heat gain, depending on the season.

The collar is easily activated by the installer following installation by simply pulling the release tapes which causes the foam collar to expand within the gap for a superior installation. Futuretherm represents better value than ever, as this and many other features are now included as standard.

Features

- > Intergrated Thermal Collar as standard.
- > Better proformance, no extra cost.
- > Cold bridging effect eliminated

Cold Bridge Elimination

Expanding Thermal Collar to eliminate cold bridging.

Typical Install

Cold bridging effect present allowing condensation to form on the timber

The Problem

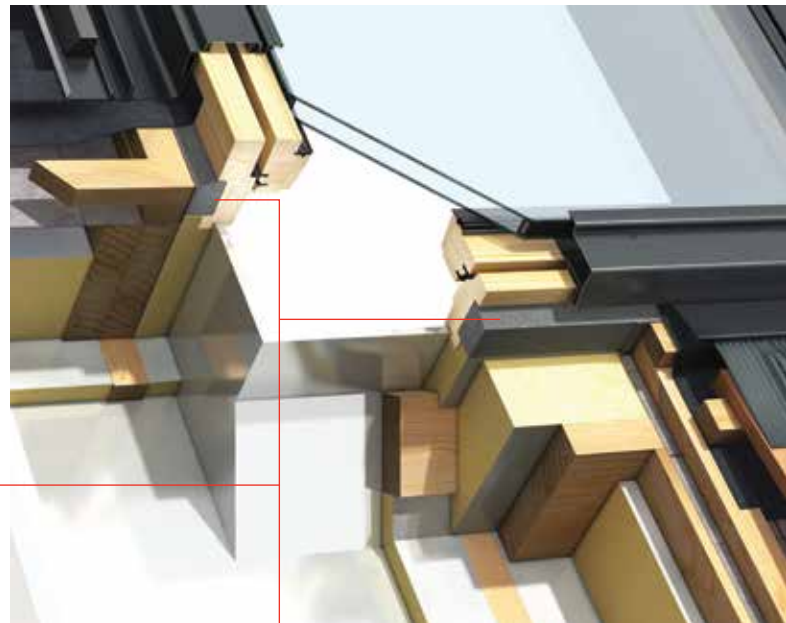
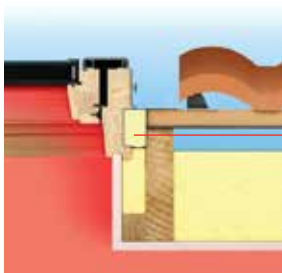
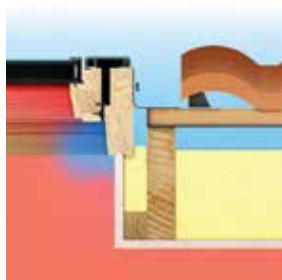
The external face of the frame is left uninsulated creating a cold bridge which can lead to condensation forming on the timber frame. This also reduces the thermal performance (U-value) of the roof opening.

Keylite Install

Cold bridging effect and condensation on timber eliminated

The Solution

Intergrated expanding Thermal Collar fills the gap between the junction of the roof and the window frame eliminating the cold bridge and potential condensation, creating a complete roof opening value of U 1.3 / R 0.77



Expanding Thermal Collar
Finishes flush with the roofing battens,
resulting in reduced cold bridging, for a
warmer roof junction detail.

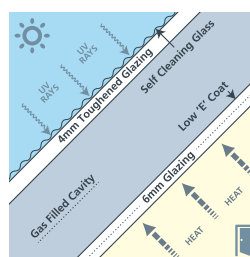
High performance glazing to maximise energy efficiency.

Keylite Roof Windows are designed to maximise energy efficiency in both summer and winter - helping you control heating, cooling, lighting and ventilation costs. Keylite's Argon gas filled, double glazing with low E coating lets the maximum light into the home while blocking 99% of UV and 80% of external heat, preventing its transfer through the glass into your home, providing year round comfort.

They can also easily be supplied with any double glazing spec desired. Another unique advantage other Roof Windows in New Zealand don't have.

Hi-Therm Features

- > 4mm toughened outer pane.
- > 18mm Argon gas filled cavity.
- > 6mm laminated inner pane.
- > Improves sound reduction, safety and a reduction in the harmful effects of UV light.
- > Warm edge glazing unit
- > Ideal safety glazing for windows below 800mm from finish floor level



NOTE: Hi Therm Glazing is not available with Integral Blind. In case of Integral Blind Window, the Low 'E' Coating is on the inner surface of the outside pane. This has no detrimental effect on 'U' value. U value is based on a centre pane measurement.



Single Window Flashings

Adlux Flashing Kits are the most efficient way to ensure a watertight installation for your windows and have been designed to integrate efficiently with specific roofing materials.

Flat Roof Pitching Kit

› Roof Pitch 0 - 15° Metal & Membrane Roof compatible

Insulated timber up-stand

FRS flashings to integrate the window onto the timber upstand

Ideal solution for Warm Roof applications below 15°

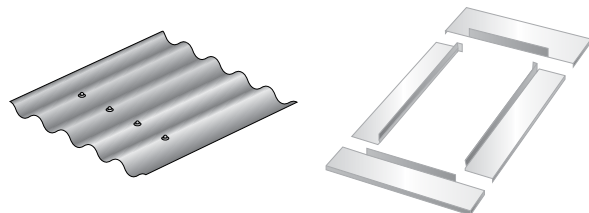


Profiled Metal: MRF

› Roof Pitch 15° – 45°

Flashings for single or multi window installations into profiled long run metal roofing.

Adlux recommends a competent roofer supplies and installs all metal roof flashings.

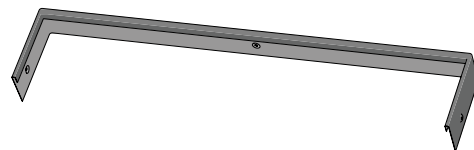


Unique Innovation

Head Cowl: MRHC

› Roof Pitch 15° – 45°

Unique, factory supplied head cowl for profiled metal roofing applications.



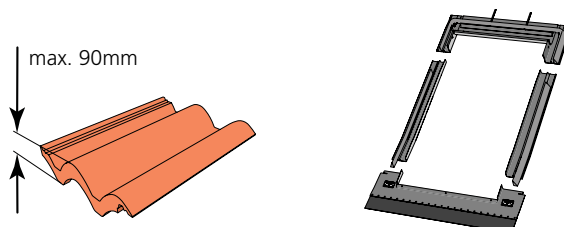
Deep Tile: DTRF

› Roof Pitch 15° – 90°

› Material Profile – Max 90mm

Flashing for single window installation into flat or profiled interlocking tiles.

Also suitable for interlocking slate and profiled sheeting.



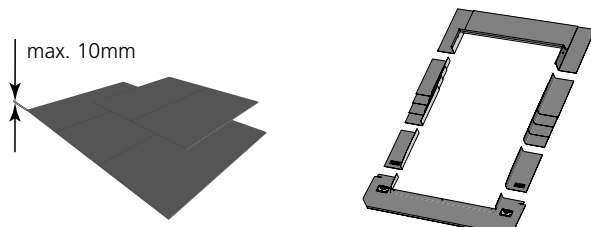
Slate: SRF

› Roof Pitch 15° – 90°















› Material Profile – Max 10mm

Flashing for single window installation into slate up to 10mm thick.

Not to be used with interlocking slate.



Sizing & Options

Sizes (WxH)											
 Keylite Fixed Roof Window	White Finish	WF-RWF-01	WF-RWF-02	WF-RWF-01F	WF-RWF-04	WF-RWF-05	WF-RWF-06	–	WF-RWF-08A	WF-RWF-08	WF-RWF-08F
	Manual White Finish	WF-RWM-01	WF-RWM-02	WF-RWM-01F	WF-RWM-04	WF-RWM-05	WF-RWM-06	–	WF-RWM-08A	WF-RWM-08	–
 Keylite Top Hung Roof Window	Electric White Finish	WF-RWE-01	WF-RWE-02	WF-RWE-01F	WF-RWE-04	WF-RWE-05	WF-RWE-06	–	WF-RWE-08A	WF-RWM-08	–
	White Finish	WF-CP-01	WF-CP-02	–	WF-CP-04	WF-CP-05	WF-CP-06	WF-CP-07	–	WF-CP-08	WF-CP-08F
 Keylite Centre Pivot Window	Pine Finish	–	PF-CP-02	–	PF-CP-04	–	PF-CP-06	–	–	PF-CP-08	–
	White Finish	–	–	–	WF-FE-04	WF-FE-05	–	WF-FE-07	–	WF-FE-08	–
 Keylite Full Extending Roof Window		–	–	–	–	–	–	–	–	–	–





designed for New Zealand living

Who are we?

Adlux is a family business with an extensive network of experienced staff making and installing skylights, roof windows and roof access products throughout New Zealand.

Expert advice

We're here to help. Our products are renowned for their ease of installation and reliability, but you're never on your own. We give hands-on, professional advice as part of the service.

Our professional in-house installers play an integral role in many of New Zealand's most outstanding building projects. Let's work together on yours.

Quality every time

Enjoy plenty of choice and total peace of mind with our comprehensive range of reliable products in an array of designs built for New Zealand weather conditions. Adlux is the only New Zealand skylight manufacturer testing products to an international standard in certified skylight laboratories.

Decades of experience

We know skylights, roof windows and roof access products better than the backs of our hands. With 70 years' experience in New Zealand across manufacturing, design and installation, we're dedicated to sustained growth, with a commitment to continuous improvement and technological knowhow.

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