Welcome to your professional roof window selection guide. In the next few pages we will walk you through the Dakea concept and help you to choose the best roof window for you and your customer. This guide is designed to point out the most important factors to take into consideration when choosing a roof window. It allows you to recommend a product that will really meet the needs of your customer. Become a real roof window expert and customer advisor with our Smart Dakea Guide!

Altaterra manufactures and sells high quality roof windows and associated products mainly across Europe. We were born in 2001, a new start up within the privately owned Danish Group VKR Holding.

Today, Altaterra is a European market leader within the private label sector, and proud owners of Dakea, a brand designed for smart professionals. We have sales in over 30 countries and employ people of over 12 different nationalities, who support the sales of our products.

We are proud to deliver high quality roof windows at affordable prices to thousands of professionals and end users.
OUR GOAL IS TO MAKE HIGH QUALITY ROOF WINDOWS MORE AFFORDABLE.

WE PROVIDE QUALITY PRODUCTS MADE WITH PROFESSIONALS IN MIND. WE EXCEED THEIR EXPECTATIONS BY PROVIDING GREAT VALUE AT A BETTER PRICE.

INSTALLERS
You are smart because you chose wisely and decided on Dakea products – quality roof windows with unbeaten value to price ratio and ease of installation.

BUILDERS MERCHANTS
You sell products that meet market demands. You care about your customers by providing them with great value at a better price.
Also, you get outstanding sales support and promo materials.

END-USERS
You chose more wisely than others and relied on a professional recommendation – you paid less, but got a better product with the added bonus of a 20 years of guarantee.
WITH MORE THAN 75 YEARS OF EXPERIENCE IN ROOF WINDOW MANUFACTURING, WE HAVE REACHED THE HIGHEST MANUFACTURING STANDARDS POSSIBLE. LEARN MORE ABOUT OUR PRODUCTION PROCESSES AND WHY WE ARE SO CONFIDENT ABOUT THE QUALITY OF THE FINAL OUTCOME – THE DAKEA ROOF WINDOW WITH ITS 20-YEAR GUARANTEE.
WITH MORE THAN 75 YEARS OF EXPERIENCE IN ROOF WINDOW MANUFACTURING, WE HAVE REACHED THE HIGHEST MANUFACTURING STANDARDS POSSIBLE. LEARN MORE ABOUT OUR PRODUCTION PROCESSES AND WHY WE ARE SO CONFIDENT ABOUT THE QUALITY OF THE FINAL OUTCOME – THE DAKEA ROOF WINDOW WITH ITS 20-YEAR GUARANTEE.

QUALITY PANE
Toughened and laminated float glass, covered with special tear resistant, sound insulating foil, with a low-emissivity or easy-to-clean coating. The selection of Dakea glass panes has been specifically designed for safety, energy-efficiency and indoor comfort.

EASY CLEAN PVC
Thanks to our milling tools, which have a speed rotation of up to 18000 per minute, the profiling of our windows is smooth and precise. Insulated and steel reinforced PVC material is carefully welded together for maximum strength of the final product – the Dakea PVC roof window.

MASTERWOOD
Carefully selected and sourced from renewable forests - FSC certified Nordic Pine is the main element of all wooden roof windows in the Dakea range. Our rigorous production process is designed to make the pine even better quality with: humidity controlled storage, lamination, eco-friendly water based varnish, drying and more.
TESTED TO PERFECTION

HOURS, HITS, PRESSURE-POWER, WIND-POWER, LAYERS, DAYS, YEARS, NIGHTS, MAGNIFICATIONS, SHIFTS, TEMPERATURE, LITRES OF WATER... AND EVEN CUPS OF COFFEE CONSUMED DURING THE TEST... THEY ALL HAVE A NUMBER PROVING THE WORK DEDICATED TO DELIVER THE HIGHEST QUALITY WINDOW. AND THE NUMBERS ARE IMPRESSIVE. WE GUARANTEE.
We hit our Ultima roof window with a 50 kg impactor. It might sound extreme, but then so might be the weather. The result? Nothing happened. Proof that our windows resist even the most extreme weather conditions.

We tortured our window with 100dB of noise which is equivalent to the noise made by an electric drill. The result? Our Ultima window reduced the amount of noise by 50% compared to a standard roof window.

We checked the resistance of our Ultima roof window to hurricane winds. Even such extreme conditions didn’t damage it in any way. Wind proof approved.

Imagine 600 litres of rain falling in just one hour. That’s the equivalent of the amount of annual rainfall per square metre in London! And that’s the amount we dropped on our Ultima roof window to check its water tightness.

**A ROOF WINDOW YOU CAN COUNT ON**
WHY DO YOU NEED ROOF WINDOWS?

**NATURAL LIGHT**
According to research, there are real benefits associated with spending time in spaces that offer natural light. Daylight has a positive effect on human health and improves general performance. Natural lighting makes people more productive, happier and even healthier! This is due to the mental and visual stimulation provided by daylight. Natural light also reduces the amount of mildew and mould growth keeping your space healthier for you and your family.

**FRESH AIR**
Air is the most essential element needed to sustain life. The overall health of your body and mind depends to a major degree on the amount of pure, fresh air breathed. Fresh air strengthens your immune system. It supplies it with oxygen which helps your white blood cells function properly by killing bacteria, viruses and germs. More oxygen improves your concentration, boosts your energy levels and helps you to think more clearly.

**INCREASING YOUR LIVING SPACE**
You can transform your living space just by installing roof windows. Thanks to which, you’ll also add value to your property by converting your neglected loft space. Installing roof windows helps you to create the impression of space and gives you the chance to enjoy beautiful views. Roof windows create a place where home owners can enjoy natural light and fresh air.

HOW MANY ROOF WINDOWS DO I NEED?
To make sure you have enough light, the amount of roof window visible pane surface or effective light area should be equal to at least 10% of the floor space.
PARAMETERS THAT GUARANTEE SAFETY AND ENERGY EFFICIENCY

WATER TIGHTNESS

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Why is this important? The higher the value the better.

AIR PERMEABILITY

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<td>&lt; 50 m³/h</td>
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Why is this important? Air permeability is becoming more important than just Uw value itself. Even the most insulated windows can be a source of energy loss if they are not airtight. Having an airtight window Class 4, ensures up to three times less unwanted airflow than Class 3.

What do the values mean? The classification rating refers to the amount of air that goes through the window within an hour. The higher the class, the less unwanted air leakage which means better performance.

THERMAL TRANSMITTANCE

| Uw | 0.8 |

Why is this important? These values show how much heat goes through the window. In the winter time it helps block cold air from coming in and helps keep the warmth in. In the summer it helps to keep the heat out, and the cool air in.

What do the values mean? The lower the value the better. 1.4 is better than 1.5.

SOUND REDUCTION

| dB | 25 |

Why is this important? Noise levels can be very high, especially in cities. Based on the latest research, high noise intensity reduces our concentration and living comfort. So it’s important to have a good acoustic insulating window to keep noise levels comfortable and make sure you sleep well.

What do the values mean? The value indicates by how much traffic noise is reduced. The higher the value, the better.
HOW TO CHOOSE A ROOF WINDOW?

https://dakea.co.uk/configurator/

ULTIMATE SOLUTION

YOUR REQUIREMENTS

IMPROVED COMFORT

Ultima roof windows, equipped with Comfort Glass, keeps your home warm in winter and prevents overheating in summer. To improve safety we use a thicker than standard, 6mm outer pane that provides higher protection in case of heavy impact, and a laminated internal pane. We also use Noise Block technology to help reduce noise from outside. Additionally, the outer pane is covered with a thin layer of Titan Glass which makes cleaning much easier.

FEATURES TO ENHANCE YOUR COMFORT:

• Two different low-e coatings containing silver layers on the panes
• Laminated internal pane
• Krypton gas filling
• Titanium dioxide coating
• Thicker external pane
• Improved noise reducing cladding system

RECOMMENDED USE:

Rooms located in a noisy neighbourhood or facing the street, as well as rooms where improved insulation is required such as bedrooms and living rooms etc.

Recommended product:

ULTIMA

Tip: For even better energy efficiency please see - ULTIMA ENERGY, ULTIMA ENERGY PVC

Read more on PAGE 22

YOUR REQUIREMENTS

ENERGY EFFICIENCY

Compared to double glazed roof windows, a triple pane window has an additional pane as well as 2 instead of 1 gas-filled cavity spaces. This structure ensures better insulation which means less heat loss through the window during winter and less warmth coming inside during summer. As a result, triple glazed windows, with improved U-value of both glazing and window, help to reduce heating bills and have lower impact on environmental pollution.

FEATURES WHICH ENSURE ENERGY EFFICIENCY:

• Low U-value (from 0.99 W/m²K)
• Triple pane glazing unit

RECOMMENDED USE:

Rooms where improved heat comfort is required such as living rooms and bedrooms etc.

Recommended product:

ULTIMA ENERGY,
ULTIMA ENERGY PVC

Tip: For even better energy efficiency please see - BETTER ENERGY, BETTER ENERGY PVC

Read more on PAGE 18, 20
**OPTIMAL SOLUTION**

**YOUR REQUIREMENTS**

**EASY MAINTENANCE**

Steel reinforced PVC roof windows are a perfect solution for high-humidity rooms thanks to their increased resistance to humidity and dirt. PVC windows are easy to clean and don’t require much maintenance. In comparison to wooden roof windows they are less likely to be affected by mould. Also, unlike wooden surfaces, PVC doesn’t need additional varnishing.

**FEATURES FOR HASSLE FREE USE:**
- Reinforced PVC structure (no wood in the frame)
- Smooth and sleek PVC exterior
- Safe laminated pane (only in Better Safe PVC)

**RECOMMENDED USE:**
Rooms with higher humidity or those where dirt may be a problem such as kitchens, bathrooms etc.

**Recommended product:**
BETTER SAFE PVC

**Tip:** Check upgraded product for superb comfort - BETTER ENERGY PVC
ULTIMA ENERGY PVC

**Read more on PAGE 30**

**YOUR REQUIREMENTS**

**SAFETY**

A laminated internal pane protects people in the event of glass breakage. You can be confident that nobody in the room will get hurt even if the glass gets shattered. Lamination means that two pieces of glass are held together by interlayer which, due to their strength, also prevents the glass from breaking into big sharp pieces. If laminated glass gets broken it typically produces a “spider web” cracking pattern.

**FEATURES TO KEEP YOU SAFE:**
- Laminated internal pane
- Lifetime guarantee against hail damage
- 20 year guarantee on the whole window

**RECOMMENDED USE:**
Rooms used by high numbers of people, and those with a higher probability of impact to the glass such as a kid’s room, playrooms, meeting rooms, facilities etc.

**Recommended product:**
BETTER SAFE, BETTER SAFE PVC

**Tip:** Check upgraded product for superb comfort - BETTER ENERGY PVC
ULTIMA ENERGY PVC

**Read more on PAGE 28, 30**

**YOUR REQUIREMENTS**

**CONSERVATION COMPLIANCE**

A centre pivot roof window with a classic, wooden internal finish and a vintage twist on the outside. Dakea Vintage is designed to provide a stylish match for a roof in a conservation area.

**FEATURES OF YOUR CONSERVATION ROOF MATCH WINDOW:**
- Vertical glazing bar on the middle of the pane
- External black metal covering (RAL 9005)
- Black flashings available for most common roofing materials, including plain tile

**RECOMMENDED USE:**
Conservation buildings where vintage looks from both inside and outside are required, recommended for living rooms and bedrooms etc.

**Recommended product:**
CONSERVATION

**Read more on PAGE 34**

**BASIC SOLUTION**

**YOUR REQUIREMENTS**

**LIGHT & FRESH AIR**

A simple but efficient way to get light, ventilation, insulation and some additional living space at a reasonable cost. This classic wooden roof window with a centre pivot, ventilation valve and bottom handle is the starting point to making your under roof space ready to move in to.

**FEATURES TO ACCESS LIGHT AND FRESH AIR:**
- Ventilation valve
- Two ventilation positions via handle
- Centre pivot classic construction

**RECOMMENDED USE:**
Rooms where simple access to light and fresh air is required such as corridors, offices etc.

**Recommended product:**
GOOD

**Tip:** For unheated storage space check Dakea skylight solutions: FLEX+, CONTROL+, CONTROL+

**Read more on PAGE 34**

**YOUR REQUIREMENTS**

**MEANS OF ESCAPE**

A high pivot roof window construction allows better access to the roof space in case of emergency. Thanks to the higher fixing of the hinge, the open window gives you more space under the sash and allows you to comfortably check the situation on the roof and climb out if required.

**FEATURES ALLOWING MEANS OF ESCAPE:**
- High pivot construction of the window
- Gas spring assisted opening
- Sizes from 78x98 cm and bigger

**RECOMMENDED USE:**
Rooms where access to the roof is necessary or legally required. A solution for roofs with a shallow pitch.

**Recommended product:**
BETTER VIEW

**Read more on PAGE 32**
SMART RANGE

* sizes M10A, P8A, S8A, U4A, U8A: npd       **Up to M8 size

NEXT 20 GUARANTEE
All Dakea roof windows have a 20 year transferable guarantee. It provides peace of mind and additional value if you sell or rent your house within the next 20 years.

SAFE GUARD
To improve safety within the room we use a laminated internal pane. We make sure no glass falls into the room due to either internal or external impact.

EASY CLEAN PVC
A white, clean PVC profile reinforced with steel. The construction of Dakea PVC windows reduces the need for maintenance to a minimum and helps to keep the frame clean.

THERMOSTAT
A double low emission coating which reflects heat back into the room. It means heating is more efficient and energy bills are lower.

MAX PROTECT
More than 75 years of experience. The highest manufacturing standards possible. Superior quality control tested independently to the highest standards. Toughened panes with a lifetime guarantee against hail damage.

MASTER WOOD
Our FSC certified, rigorously selected wood is obtained from Nordic pine, valued for its excellent wood density and resistance to difficult weather conditions. This choice of wood ensures durability and hassle free maintenance.

QUICK INSTALL
The Dakea Quick Install collar (RUC) is made from a watertight, stretchable high quality material. Its squared surface pattern will help you to cut straight if necessary, making the installation even easier.

COMFORT GLASS
Ultima windows with comfort glass keeps your home warm in winter and prevents overheating in summer. That means your rooms will be a pleasure to be in all year around.

NAME

<table>
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**Next 20 Guarantee**
All Dakea roof windows have a 20 year transferable guarantee. It provides peace of mind and additional value if you sell or rent your house within the next 20 years.

**Max Protect**
More than 75 years of experience. The highest manufacturing standards possible. Superior quality control tested independently to the highest standards. Toughened panes with a lifetime guarantee against hail damage.

**Safe Guard**
To improve safety within the room we use a laminated internal pane. We make sure no glass falls into the room due to either internal or external impact.

**Master Wood**
Our FSC certified, rigorously selected wood is obtained from Nordic pine, valued for its excellent wood density and resistance to difficult weather conditions. This choice of wood ensures durability and hassle-free maintenance.

**Easy Clean PVC**
The white, clean PVC profile reinforced with steel. The construction of Dakea PVC windows reduces the need for maintenance to a minimum and helps to keep the frame clean.

**Thermostat**
A double low emission coating which reflects heat back into the room. It means heating is more efficient and energy bills are lower.

**Comfort Glass**
Ultima windows with comfort glass keeps your home warm in winter and prevents overheating in summer. That means your rooms will be a pleasure to be in all year around.

**Quick Install**
The Dakea Quick Install collar (RUC) is made from a watertight, stretchable high quality material. Its squared surface pattern will help you to cut straight if necessary, making the installation even easier.

**Energy +**
The triple pane construction of the Energy series is the perfect combination of 3 panes, with pane coating and filled with gas to create improved energy efficiency of the whole window.

**Noise Block**
To help reduce noise from outside, we've created noise block technology. This reduces noise from outside and from rain by 50% when compared to standard windows.

**Table of Specifications**

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<td>Class B-s2, d0</td>
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**Price (EXC. VAT)**

- £391.00
- £256.00
- £300.00
- £344.00
- £270.00
- £244.00
ULTIMA DOES IT BETTER

The glass and coatings used in Ultima windows are specifically selected to bring comfort and safety to the home:

- Warm house during winter and no overheating during summer - thanks to two different layers of heat reflecting and sun protective coatings on the pane.
- UV-ray protection – thanks to glazing blocking 95% of harmful UV rays while still letting the light in.
- Strengthened external glass - thanks to use of thick 6 mm toughened pane in comparison to 4 mm market standard.
- Safety of environment underneath the window - thanks to laminated internal glass which won’t fall into the room in case of impact from the inside.
- Easier maintenance of the glass from the outside - thanks to the application of exclusive titanium coating which cleans the window with rain water.

**ENERGY +**

Excellent Uw parameters of both wooden and PVC version - 0.99 W/m²K and 1.0 W/m²K. Krypton filled pane construction which conducts heat by 46% less than the most frequently used alternative Argon.

**NOISE BLOCK**

Noise Block technology is a combination of various improvements in the roof window construction that reduces noise from the outside as well as impact noise caused by rain which, overall, means 50% better noise reduction when compared to standard windows. Noise reduction: 38 dB.

**THE TRIPLE PANNE CONSTRUCTION OF THE ULTIMA ENERGY IS THE PERFECT COMBINATION OF 3 PANES, WITH PANNE COATING AND FILLED WITH KRYPTON GAS TO CREATE IMPROVED ENERGY EFFICIENCY OF THE WHOLE WINDOW.**
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• CENTRE PIVOT
• TRIPLE PANE CONSTRUCTION
• SOLID WOODEN FRAME WITH 2 LAYERS OF VARNISH
• TRAFFIC AND RAIN NOISE REDUCTION
• WELDED GASKET SYSTEM
• 6 MM TOUGHENED EXTERNAL PANE WITH EASY-TO-CLEAN COATING
• LAMINATED INTERNAL PANE
• LIFETIME GUARANTEE OF THE PANE AGAINST HAIL DAMAGE
• EXCELLENT THERMAL TRANSMITTANCE OF 0.99 W/m²K
• UV PROTECTION AGAINST COLOUR FADING
• VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
• 20 YEAR GUARANTEE

**Recommended Use:** Rooms located in a noisy neighbourhood or facing the street, as well as rooms where improved insulation is required such as bedrooms and living rooms etc.
ULTIMΛ ENERGY KEV B1800

ULTIMΛ ENERGY WHITE KEV B1810

TECHNICAL PARAMETERS

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<tr>
<th>PANE</th>
<th>WINDOW</th>
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<tr>
<td>Variant</td>
<td>$U_c$ (W/m²K)</td>
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<td>Thickness of glazing (mm)</td>
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* sizes M8A, M10A: npd

PANE CONSTRUCTION

1: Titan Glass self-cleaning coating  2: 6 mm toughened safety glass  3: Heat reflecting and sun protective coating  4, 7: Krypton gas filled cavity  5, 8: Heat reflecting coating  6: 3 mm heat-strengthened glass  9, 12: 3 mm float glass  10, 11: Two layers of noise reduce and tear resistant foil

ASSOCIATED PRODUCTS

- Insulation foam collar (IFC)
- Underfelt foil collar (RUC)
- Flashing
- Blind
- Roller shutter
- Roofing vapour barrier foil (RVB)
- Other comfort accessories

FREE RUC
- Underfelt foil collar
- Insulation foam collar

Prices and Sizes

**ULTIMΛ ENERGY KEV B1800**

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Prices are in £. Delivery mainland: 1-2 working days delivery time (from manufacturer to merchant) 15-20 working days delivery time (from manufacturer to merchant) Delivery time is in working days from receipt of orders placed before 12 pm. Only for LTL deliveries (less than truck-load). The above lead times may be subject to change, according to stock availability. The estimated delivery time will be specified at the point of ordering and in the Order Confirmation.
- CENTRE PIVOT
- TRIPLE PANNE CONSTRUCTION
- STEEL REINFORCED, INSULATED uPVC PROFILE
- TRAFFIC AND RAIN NOISE REDUCTION
- WELDED GASKET SYSTEM
- 6 mm TOUGHENED EXTERNAL PANNE WITH EASY-TO-CLEAN COATING
- LAMINATED INTERNAL PANNE
- LIFETIME GUARANTEE OF THE PANNE AGAINST HAIL DAMAGE
- EXCELLENT THERMAL TRANSMITTANCE OF 1.0 W/m²K
- UV PROTECTION AGAINST COLOUR FADING
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE

RECOMMENDED USE: Rooms located in a noisy neighbourhood or facing the street, as well as rooms where improved insulation is required such as bedrooms and living rooms etc.
TECHNICAL PARAMETERS

<table>
<thead>
<tr>
<th>PANE</th>
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* size M10A: E1350 ** size M10A: Class 3 *** sizes M8A, M10A: npd

PANE CONSTRUCTION

COMFORT GLASS

1: Titan Glass self-cleaning coating 2: 6 mm toughened safety glass 3: Heat reflecting and sun protective coating 4, 7: Krypton gas filled cavity 5, 8: Heat reflecting coating 6: 3 mm heat-strengthened glass 9, 12: 3 mm float glass 10, 11: Two layers of noise reduce and tear resistant foil

ASSOCIATED PRODUCTS

Insulation foam collar (IFC)  
Underfelt foil collar (RUC)  
Flashing  
Blind  
Roller shutter  
Roofing vapour barrier foil (RVB)  
Other comfort accessories

FREE
RUC  
Underfelt foil collar  
IFC  
Insulation foam collar

PRICES AND SIZES

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<tr>
<th>Size</th>
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ULTIMA ENERGY PVC KEP B1800

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Prices are in £. Delivery mainland.

[ ] 1-2 working days delivery time (from manufacturer to merchant)
[ ] 15-20 working days delivery time (from manufacturer to merchant)

Delivery time is in working days from receipt of orders placed before 12 pm. Only for LTL deliveries (less than truck-load).
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**TECHNICAL PARAMETERS**

**PANE WINDOW**

**Variant 12 Uw (W/m²K) 1.2**

**Construction** 33.2-10-6H Water tightness E1350

Thickness of glazing (mm) 24 Air permeability Class 4

Low E

Resistance to wind load Class C4*

Gas Krypton Sound reduction (dB) 38 (-1,-3)

Toughened

Laminated

**Ug (W/m²K) 0.9**

Total solar energy transmittance 0.3

**ASSOCIATED PRODUCTS**

* sizes M10A, P8A, S8A, U4A, U8A

**PANE CONSTRUCTION**

1: Titan Glass self-cleaning coating

2: 6 mm toughened safety glass

3: Heat reflecting and sun protective coating

4: Krypton gas filled cavity

5: Heat reflecting coating

6, 9: 3 mm float glass

7, 8: Two layers of noise reduce and tear resistant foil

**CENTRE PIVOT**

- SOLID WOODEN FRAME, WITH 2 LAYERS OF VARNISH
- TRAFFIC AND RAIN NOISE REDUCTION
- WELDED GASKET SYSTEM
- TOUGHENED EXTERNAL PANE WITH EASY-TO-CLEAN COATING
- LAMINATED INTERNAL PANE
- LIFETIME GUARANTEE OF THE PANE AGAINST HAIL DAMAGE
- SUPERB THERMAL TRANSMITTANCE OF 1.2 W/m²K
- UV PROTECTION AGAINST COLOUR FADING
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE

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<td>507.00</td>
<td>560.00</td>
<td>515.00</td>
<td>635.00</td>
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Prices are in £. Delivery mainland.

1-2 working days delivery time (from manufacturer to merchant)

15-20 working days delivery time (from manufacturer to merchant)

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**Free**

- Insulation foam collar (IFC)
- Underfelt foil collar (RUC)
- Flashing
- Blind
- Roller shutter
- Roofing vapour barrier foil (RVB)
- Other comfort accessories
### TECHNICAL PARAMETERS

**PANE WINDOW**

<table>
<thead>
<tr>
<th>Variant</th>
<th>12</th>
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<tbody>
<tr>
<td>Construction</td>
<td>33.2-10-6H</td>
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<tr>
<td>Thickness of glazing (mm)</td>
<td>24</td>
</tr>
<tr>
<td>Low E</td>
<td></td>
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<tr>
<td>Gas</td>
<td>Krypton</td>
</tr>
<tr>
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<tr>
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<tr>
<td>$U_g$ (W/m²K)</td>
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<td>Total solar energy transmittance</td>
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</tr>
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</table>

**WINDOW**

| $U_w$ (W/m²K) | 1.2 |
| Water tightness | E1350 |
| Air permeability | Class 4 |
| Resistance to wind load | Class C4* |
| Sound reduction (dB) | 38 (-1,-3) |

* sizes M10A, P8A, S8A, U4A, U8A: npd

### PANE CONSTRUCTION

**COMFORT GLASS**

1. Titan Glass self-cleaning coating  
2. 6 mm toughened safety glass  
3. Heat reflecting and sun protective coating  
4. Krypton gas filled cavity  
5. Heat reflecting coating  
6, 9. 3 mm float glass  
7, 8. Two layers of noise reduce and tear resistant foil

### ASSOCIATED PRODUCTS

- Insulation foam collar (IFC)
- Underfelt foil collar (RUC)
- Flashing
- Blind
- Roller shutter
- Roofing vapour barrier foil (RVB)
- Other comfort accessories

### PRICES AND SIZES

<table>
<thead>
<tr>
<th>Size</th>
<th>cm</th>
<th>C2A</th>
<th>C4A</th>
<th>F4A</th>
<th>F6A</th>
<th>M4A</th>
<th>M6A</th>
<th>M8A</th>
<th>M10A</th>
<th>P6A</th>
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<tbody>
<tr>
<td><strong>ULTIMA KEV B1200</strong></td>
<td></td>
<td></td>
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<td>590.40</td>
<td>523.20</td>
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<td>608.40</td>
<td>672.00</td>
<td>618.00</td>
<td>762.00</td>
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| **ULTIMA WHITE KEV B1210** | | | | | | | | | | | | | | | | |
| Price ex. VAT | 329.00 | 344.00 | 360.00 | 386.00 | 366.00 | 403.00 | 436.00 | 492.00 | 436.00 | 495.00 | 507.00 | 560.00 | 515.00 | 635.00 |
| Price inc. VAT | 394.80 | 412.80 | 432.00 | 463.20 | 439.20 | 483.60 | 523.20 | 590.40 | 523.20 | 594.00 | 608.40 | 672.00 | 618.00 | 762.00 |

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• CENTRE PIVOT CLASSIC ROOF WINDOW
• TRIPLE PANE CONSTRUCTION
• NATURAL WOOD
• TOUGHENED EXTERNAL PANE
• REMARKABLE INSULATING PERFORMANCE, $U_w = 1.1\, \text{W/m}^2\text{K}$
• VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
• 20 YEAR GUARANTEE
CENTRE PIVOT CLASSIC ROOF WINDOW
• TRIPLE PANE CONSTRUCTION
• NATURAL WOOD
• TOUGHENED EXTERNAL PANE
• REMARKABLE INSULATING PERFORMANCE, $U_w = 1.1 \, W/m^2K$
• VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
• 20 YEAR GUARANTEE

BETTER ENERGY KAV B1500
BETTER ENERGY WHITE KAV B1510

TECHNICAL PARAMETERS

<table>
<thead>
<tr>
<th>PANE</th>
<th>WINDOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Variant</td>
<td>$U_w$ (W/m²K)</td>
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<tr>
<td>Construction</td>
<td>4-12-3H-12-3H</td>
</tr>
<tr>
<td>Thickness of glazing (mm)</td>
<td>Water tightness</td>
</tr>
<tr>
<td>Low E</td>
<td>E1350</td>
</tr>
<tr>
<td>Gas</td>
<td>Resistance to wind load</td>
</tr>
<tr>
<td>Toughened</td>
<td>Class C4*</td>
</tr>
</tbody>
</table>

PANE CONSTRUCTION

ENERGY SAVING INSULATED GLASS

1: 3 mm toughened safety glass  
2, 5: Argon gas filled cavity  
3, 6: Low-E coating [reflects heat]  
4: 3 mm heat strengthened glass  
7: 4 mm float glass

ASSOCIATED PRODUCTS

Insulation foam collar (IFC)  
Underfelt foil collar (RUC)  
Flashing  
Blind  
Roller shutter  
Roofing vapour barrier foil (RVB)  
Other comfort accessories

FREE RUC Underfelt foil collar

PRICES AND SIZES

<table>
<thead>
<tr>
<th>Size</th>
<th>C2A</th>
<th>C4A</th>
<th>C6A</th>
<th>F4A</th>
<th>F6A</th>
<th>M4A</th>
<th>M6A</th>
<th>M10A</th>
<th>P6A</th>
<th>P8A</th>
<th>S6A</th>
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<td>55x18</td>
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<td>94x118</td>
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<td>114x118</td>
<td>114x140</td>
<td>134x98</td>
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<table>
<thead>
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<tr>
<td>Price excl. VAT</td>
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<td>Price incl. VAT</td>
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<td>Price excl. VAT</td>
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</table>

Prices are in £. Delivery mainland. 1-2 working days delivery time (from manufacturer to merchant) 15-20 working days delivery time (from manufacturer to merchant) Delivery time is in working days from receipt of orders placed before 12 pm. Only for LTL deliveries (less than truck-load). The above lead times may be subject to change, according to stock availability. The estimated delivery time will be specified at the point of ordering and in the Order Confirmation.
**BETTER ENERGY PVC**

**KPV B1500**

**U**<sub>w</sub> 1.1 W/m²K

INSTALLED IN A PITCH OF BETWEEN 15 AND 90 DEGREES

- CENTRE PIVOT PVC ROOF WINDOW
- TRIPLE PANE CONSTRUCTION
- TOUGHENED EXTERNAL PANE
- REMARKABLE INSULATING PERFORMANCE OF 1.1 W/m²K
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE

**TECHNICAL PARAMETERS**

**PANE WINDOW**

<table>
<thead>
<tr>
<th>Variant 15</th>
<th><strong>U</strong>&lt;sub&gt;w&lt;/sub&gt; (W/m²K)</th>
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<td><strong>Thickness of glazing (mm)</strong></td>
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<td><strong>Air permeability</strong></td>
<td>Class 3</td>
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<tr>
<td><strong>Low E</strong></td>
<td></td>
<td></td>
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<tr>
<td><strong>Resistance to wind load</strong></td>
<td>Class C3*</td>
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<tr>
<td><strong>Gas Argon</strong></td>
<td>Sound reduction (dB)</td>
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<tr>
<td></td>
<td>33 (-1,-3)</td>
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**ASSOCIATED PRODUCTS**

**ENERGY SAVING INSULATED GLASS**

1: 3 mm toughened safety glass
2, 5: Argon gas filled cavity
3, 6: Low-E coating [reflects heat]
4: 3 mm heat strengthened glass
7: 4 mm float glass

**SIZE**

<table>
<thead>
<tr>
<th>Size</th>
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<td>94x118</td>
<td>94x140</td>
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<td>114x118</td>
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**Price exc. VAT**

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<td>S6A</td>
<td>612.00</td>
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<tr>
<td>U4A</td>
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**Price inc. VAT**

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<tbody>
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<tr>
<td>F6A</td>
<td>553.20</td>
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<tr>
<td>M4A</td>
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<td>M6A</td>
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<td>M8A</td>
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<td>U4A</td>
<td>709.20</td>
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</table>

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**Insulation foam collar (IFC)**

**Underfelt foil collar (RUC)**

**Flashing**

**Blind**

**Roller shutter**

**Roofing vapour barrier foil (RVB)**

**Other comfort accessories**

**FREE**

RUC
Underfelt
foil collar

**ENERGY EFFICIENCY**

**EASY MAINTENANCE**

**RECOMMENDED USE:** Rooms where improved insulation is required such as bedrooms and living rooms etc. Rooms with higher humidity or those where dirt may be a problem such as kitchens, bathrooms etc.
BETTER ENERGY PVC KPV B1500

TECHNICAL PARAMETERS

**Pane**
- Variant: 15
- Construction: 4-12-3HS-12-3H
- Thickness of glazing (mm): 34
- Low E: ✓ ✓
- Gas: Argon
- Toughened: ✓
- Laminated: ✓
- U_{g} (W/m²K): 0.77
- Total solar energy transmittance: 0.55

**Window**
- U_{w} (W/m²K): 1.1
- Water tightness: E1500
- Air permeability: Class 3
- Resistance to wind load: Class C3*
- Sound reduction (dB): 33 [-1,-3]

* sizes M8A, M10A, P8A, U4A: npd

PANE CONSTRUCTION

**Energy Saving Insulated Glass**
1. 3 mm toughened safety glass
2. Argon gas filled cavity
3, 6: Low-E coating (reflects heat)
4. 3 mm heat strengthened glass
7. 4 mm float glass

ASSOCIATED PRODUCTS

- Insulation foam collar (IFC)
- Underfelt foil collar (RUC)
- Flashing
- Blind
- Roller shutter
- Roofing vapour barrier foil (RVB)
- Other comfort accessories

FREE
- RUC
- Underfelt
- foil collar

2726

PRICES AND SIZES

<table>
<thead>
<tr>
<th>Size</th>
<th>cm</th>
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<td></td>
<td>C2A</td>
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<tr>
<td>55x78</td>
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<td>55x98</td>
<td>489.60</td>
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</table>

Prices are in £. Delivery mainland. 1-2 working days delivery time (from manufacturer to merchant) 15-20 working days delivery time (from manufacturer to merchant) Delivery time is in working days from receipt of orders placed before 12 pm. Only for LTL deliveries (less than truck-load). The above lead times may be subject to change, according to stock availability. The estimated delivery time will be specified at the point of ordering and in the Order Confirmation.
BETTER SAFE

KAV B1000 | Uₜ 1.3 W/m²K | INSTALLED IN A PITCH OF BETWEEN 15 AND 90 DEGREES

- CENTRE PIVOT CLASSIC ROOF WINDOW
- AVAILABLE IN WHITE OR NATURAL WOOD
- TOUGHENED EXTERNAL PANE
- LAMINATED INTERNAL PANE
- EXCELLENT THERMAL TRANSMITTANCE OF 1.3 W/m²K
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE

BETTER SAFE KAV B1000

**TECHNICAL PARAMETERS**

<table>
<thead>
<tr>
<th>PANE WINDOW</th>
<th>Variant 10</th>
<th>Uₜ (W/m²K)</th>
<th>1.3</th>
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</thead>
<tbody>
<tr>
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<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>Low E</td>
<td>Resistance to wind load Class C4*</td>
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<td></td>
</tr>
<tr>
<td>Gas Argon</td>
<td>Sound reduction (dB) -1,-4</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>Toughened</td>
<td>Laminated</td>
<td></td>
<td></td>
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<tr>
<td>Ug (W/m²K)</td>
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<tr>
<td>Total solar energy transmittance</td>
<td>0.52</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ASSOCIATED PRODUCTS**


**PRICES AND SIZES**

| Size | cm | C2A | C4A | C6A | F4A | F6A | M4A | M6A | M8A | M10A | P6A | P8A | S6A | S8A | U4A | U8A |
|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 55x78 | 256.00 | 270.00 | 282.00 | 287.00 | 314.00 | 293.00 | 331.00 | 367.00 | 426.00 | 367.00 | 428.00 | 440.00 | 467.00 | 423.00 | 515.00 |
| 55x98 | 307.20 | 324.00 | 338.40 | 344.40 | 376.80 | 351.60 | 397.20 | 440.40 | 511.20 | 440.40 | 513.60 | 528.00 | 560.40 | 507.60 | 618.00 |

**BETTER SAFE WHITE KAV B1010**

| Size | cm | C2A | C4A | C6A | F4A | F6A | M4A | M6A | M8A | M10A | P6A | P8A | S6A | S8A | U4A | U8A |
|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 55x78 | 256.00 | 270.00 | 282.00 | 287.00 | 314.00 | 293.00 | 331.00 | 367.00 | 426.00 | 367.00 | 428.00 | 440.00 | 467.00 | 423.00 | 515.00 |
| 55x98 | 307.20 | 324.00 | 338.40 | 344.40 | 376.80 | 351.60 | 397.20 | 440.40 | 511.20 | 440.40 | 513.60 | 528.00 | 560.40 | 507.60 | 618.00 |

Prices are in £. Delivery mainland. 1-2 working days delivery time (from manufacturer to merchant). 15-20 working days delivery time (from manufacturer to merchant). Delivery time is in working days from receipt of orders placed before 12 pm. Only for LTL deliveries (less than truck-load). The above lead times may be subject to change, according to stock availability. The estimated delivery time will be specified at the point of ordering and in the Order Confirmation.

**Insulation foam collar (IFC)**

- **FREE**

**Underfelt foil collar (RUC)**

- **FREE**

**Flashing**

**Blind**

**Roller shutter**

**Roofing vapour barrier foil (RVB)**

- **FREE**

**Other comfort accessories**

**SAFETY**

**RECOMMENDED USE:** Rooms where improved insulation is required such as bedrooms and living rooms etc.
SMART RANGE OF ROOF WINDOWS

- CENTRE PIVOT CLASSIC ROOF WINDOW
- AVAILABLE IN WHITE OR NATURAL WOOD
- TOUGHENED EXTERNAL PANE
- LAMINATED INTERNAL PANE
- EXCELLENT THERMAL TRANSMITTANCE OF 1.3 W/m²K
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE

BETTER SAFE KAV B1000
BETTER SAFE WHITE KAV B1010

**TECHNICAL PARAMETERS**

### PANE

<table>
<thead>
<tr>
<th>Variant</th>
<th>Construction</th>
<th>Thickness of glazing (mm)</th>
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<tbody>
<tr>
<td>10</td>
<td>33.2-14.4H</td>
<td></td>
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</table>

- **Gas**
  - Argon
- **Low-E**
  - Yes
- **Toughened**
  - Yes
- **Laminated**
  - Yes
- **U₀ [W/m²K]**
  - 1.0
- **Total solar energy transmittance**
  - 0.52

### WINDOW

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<thead>
<tr>
<th>U₀ [W/m²K]</th>
<th>1.3</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>Air permeability</td>
<td>Class 4</td>
</tr>
<tr>
<td>Resistance to wind load</td>
<td>Class C4*</td>
</tr>
<tr>
<td>Sound reduction [dB]</td>
<td>34 (-1,-4)</td>
</tr>
</tbody>
</table>

* sizes M10A, P8A, S8A, U4A, U8A: npd

**PANE CONSTRUCTION**

ENERGY SAVING INSULATED GLASS

1: 4 mm toughened safety glass  
2, 4: Low-E coating [reflects heat]  
3: Argon gas filled cavity  
5, 8: 3 mm float glass  
6, 7: Two layers of tear resistant foil

**ASSOCIATED PRODUCTS**

- Insulation foam collar (IFC)
- Underfelt foil collar (RUC)
- Flashing
- Blind
- Roller shutter
- Roofing vapour barrier foil (RVB)
- Other comfort accessories

**FREE**

RUC Underfelt foil collar

**PRICES AND SIZES**

| Size (cm) | C2A | C4A | C6A | F4A | F6A | F8A | M4A | M6A | M8A | M10A | P4A | P8A | S4A | S6A | S8A | U4A | U8A |
|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|
|          | 55x78 | 55x98 | 55x118 | 66x98 | 66x118 | 78x98 | 78x118 | 78x140 | 78x160 | 78x180 | 94x118 | 94x140 | 114x118 | 114x140 | 134x98 | 134x140 |
| BETTER SAFE KAV B1000 | Price ex. VAT | 256.00 | 270.00 | 282.00 | 287.00 | 314.00 | 293.00 | 331.00 | 367.00 | 426.00 | 429.00 | 440.00 | 440.00 | 447.00 | 447.00 | 515.00 |
|          | Price inc. VAT | 307.20 | 324.00 | 338.40 | 344.40 | 376.80 | 351.60 | 397.20 | 440.40 | 511.20 | 528.00 | 560.40 | 560.40 | 507.60 | 618.00 |

| BETTER SAFE WHITE KAV B1010 | Price ex. VAT | 256.00 | 270.00 | 282.00 | 287.00 | 314.00 | 293.00 | 331.00 | 367.00 | 426.00 | 429.00 | 440.00 | 440.00 | 447.00 | 447.00 | 515.00 |
|          | Price inc. VAT | 307.20 | 324.00 | 338.40 | 344.40 | 376.80 | 351.60 | 397.20 | 440.40 | 511.20 | 528.00 | 560.40 | 560.40 | 507.60 | 618.00 |

Prices are in £. Delivery mainland.
1-2 working days delivery time (from manufacturer to merchant)
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BETTER SAFE PVC

KPV B1000  Uₜ 1.3 W/m²K  INSTALLED IN A PITCH OF BETWEEN 15 AND 90 DEGREES

- CENTRE PIVOT CLASSIC ROOF WINDOW
- TOUGHENED EXTERNAL PANE
- LAMINATED INTERNAL PANE
- EXCELLENT THERMAL TRANSMITTANCE OF 1.3 W/m²K
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE

EASY MAINTENANCE

RECOMMENDED USE: Rooms with higher humidity or those where dirt may be a problem such as kitchens, bathrooms etc.
**TECHNICAL PARAMETERS**

<table>
<thead>
<tr>
<th>PANE</th>
<th>WINDOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Variant 10</td>
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<tr>
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<td>Low E</td>
<td>Resistance to wind load Class C4*</td>
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<td>Gas Argon</td>
<td>Sound reduction (dB) 34 [1,-1,-4]</td>
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<tr>
<td>Laminated</td>
<td></td>
</tr>
<tr>
<td>Uₜ (W/m²K) 1.0</td>
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</tr>
<tr>
<td>Total solar energy transmittance 0.52</td>
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</tr>
</tbody>
</table>

* sizes M10A, U4A, npd

**PANE CONSTRUCTION**

1. 4 mm toughened safety glass 2. Low-E coating [reflects heat] 3. Argon gas filled cavity 4. 3 mm float glass 5. 7. Two layers of tear resistant foil

**ASSOCIATED PRODUCTS**

- Insulation foam collar (IFC)
- Underfelt foil collar (RUC)
- Flashing
- Blind
- Roller shutter
- Roofing vapour barrier foil (RVB)
- Other comfort accessories

**FREE**

- RUC
- Underfelt foil collar

**PRICES AND SIZES**

<table>
<thead>
<tr>
<th>Size</th>
<th>cm</th>
<th>C2A</th>
<th>C4A</th>
<th>C6A</th>
<th>F4A</th>
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Prices are in £. Delivery mainland.

- 1-2 working days delivery time (from manufacturer to merchant)
- 15-20 working days delivery time (from manufacturer to merchant)

Delivery time is in working days from receipt of orders placed before 12 pm. Only for LTL deliveries (less than truck-load).

The above lead times may be subject to change, according to stock availability.

The estimated delivery time will be specified at the point of ordering and in the Order Confirmation.
BETTER VIEW
KHV B1000  Uₜ 1.3 W/m²K
INSTALLED IN A PITCH OF BETWEEN 15 AND 55 DEGREES

- HIGH PIVOT ROOF WINDOW
- MEANS OF ESCAPE FROM 78X98 CM
- GAS STRUT THAT HELPS TO KEEP THE SASH IN OPENED POSITION
- SOLID WOODEN FRAME, 2 LAYERS OF VARNISH
- TOUGHENED EXTERNAL PANE
- LAMINATED INTERNAL PANE
- EXCELLENT THERMAL TRANSMITTANCE OF 1.3 W/m²K
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE

BETTER VIEW
KHV B1000
Uₜ 1.3 W/m²K
INSTALLED IN A PITCH OF BETWEEN 15 AND 55 DEGREES

MEANS OF ESCAPE

RECOMMENDED USE: Rooms with a beautiful view where additional access to the outside may be required, rooms where the roof window is often open in order to access the view and/or fresh air, creative spaces such as offices etc. Rooms where access to the roof is necessary or legally required. A solution for roofs with a shallow pitch.
TECHNICAL PARAMETERS

<table>
<thead>
<tr>
<th>PANE</th>
<th>WINDOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Variant</td>
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<tr>
<td>Construction</td>
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<td>Thickness of glazing (mm)</td>
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<tr>
<td>Low E</td>
<td>Argon</td>
</tr>
<tr>
<td>Gas</td>
<td>Argon</td>
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<td>Toughened</td>
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<tr>
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<tr>
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<td>Water tightness</td>
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<td>Air permeability</td>
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<td>Resistance to wind load</td>
<td>Class C4</td>
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<tr>
<td>Sound reduction (dB)</td>
<td>34 [-1,-4]</td>
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</tbody>
</table>

PANE CONSTRUCTION

**ENERGY SAVING INSULATED GLASS**

1: 4 mm toughened safety glass
2, 4: Low-E coating [reflects heat]
3: Argon gas filled cavity
5, 8: 3 mm float glass
6, 7: Two layers of tear resistant foil

ASSOCIATED PRODUCTS

- Insulation foam collar (IFC)
- Underfelt foil collar (RUC)
- Flashing
- Blind
- Roofing vapour barrier foil (RVB)
- Other comfort accessories

PRICES AND SIZES

<table>
<thead>
<tr>
<th>Size (cm)</th>
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<th>F6A</th>
<th>M4A</th>
<th>M6A</th>
<th>M8A</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>Price excl. VAT</td>
<td>366.00</td>
<td>403.00</td>
<td>436.00</td>
<td>492.00</td>
<td>-</td>
<td>-</td>
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<tr>
<td>Price incl. VAT</td>
<td>439.20</td>
<td>483.60</td>
<td>523.20</td>
<td>590.40</td>
<td>-</td>
<td>-</td>
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GOOD / CONSERVATION

KAV B900 / KCV B901

CENTRE PIVOT
SOLID WOODEN FRAME, 2 LAYERS OF VARNISH
TOUGHENED EXTERNAL PANE
VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
20 YEAR GUARANTEE
AVAILABLE WITH BBA CERTIFICATION ON REQUEST
FOR VINTAGE LOOK - EXTRA VERTICAL GLAZING BAR ON THE PANE
EXTERNAL BLACK METAL COVERING (RAL 9005)
BLACK FLASHINGS AVAILABLE FOR ALL COMMON ROOFING MATERIALS INCLUDING PLAIN TILES
CAN BE INSTALLED RECESSED INTO SLATE
20 YEAR GUARANTEE

GOOD

- CENTRE PIVOT
- SOLID WOODEN FRAME, 2 LAYERS OF VARNISH
- TOUGHENED EXTERNAL PANE
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE
- AVAILABLE WITH BBA CERTIFICATION ON REQUEST

CONSERVATION

- FOR VINTAGE LOOK - EXTRA VERTICAL GLAZING BAR ON THE PANE
- EXTERNAL BLACK METAL COVERING (RAL 9005)
- BLACK FLASHINGS AVAILABLE FOR ALL COMMON ROOFING MATERIALS INCLUDING PLAIN TILES
- CAN BE INSTALLED RECESSED INTO SLATE
- 20 YEAR GUARANTEE

GOO D:
LIGHT & FRESH AIR

RECOMMENDED USE: Rooms where simple access to light and fresh air is required such as corridors, offices etc.

CONSERVATION

CONSERVATION COMPLIANCE

RECOMMENDED USE: Conservation buildings where vintage looks from both inside and outside are required, recommended for living rooms and bedrooms etc.
TECHNICAL PARAMETERS

<table>
<thead>
<tr>
<th>PANE</th>
<th>WINDOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>Variant</td>
<td>Uₜ [W/m²K]</td>
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<tr>
<td>Construction</td>
<td></td>
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<tr>
<td>Thickness of glazing (mm)</td>
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<tr>
<td>Low-E</td>
<td>Class 4</td>
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<tr>
<td>Gas</td>
<td>Argon</td>
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<tr>
<td>Toughened</td>
<td>Class C₄*</td>
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<tr>
<td>Laminated</td>
<td>Sound reduction (dB)</td>
</tr>
<tr>
<td>Uₜ [W/m²K]</td>
<td>1.0</td>
</tr>
<tr>
<td>Total solar energy transmittance</td>
<td>0.55</td>
</tr>
</tbody>
</table>

* sizes M10A, P6A, S8A, U6A, U6A

PANE CONSTRUCTION

ENERGY SAVING INSULATED GLASS

1: 4 mm toughened safety glass  2: Low-E coatings [reflect heat]  3: Argon gas filled cavity  4: 4 mm float glass

ASSOCIATED PRODUCTS

- Insulation foam collar (IFC)
- Underfelt foil collar (RUC)
- Flashing
- Blind
- Roller shutter
- Roofing vapour barrier foil (RVB)
- Other comfort accessories

PRICES AND SIZES

<table>
<thead>
<tr>
<th>Size</th>
<th>cm</th>
<th>C2A</th>
<th>C4A</th>
<th>C6A</th>
<th>F4A</th>
<th>F6A</th>
<th>M4A</th>
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<th>M10A</th>
<th>P4A</th>
<th>P6A</th>
<th>S4A</th>
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<th>U4A</th>
<th>U8A</th>
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<tbody>
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<td>55x78</td>
<td>55x98</td>
<td>55x118</td>
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<td>114x118</td>
<td>114x140</td>
<td>134x118</td>
<td>134x140</td>
</tr>
</tbody>
</table>

| GOOD KAV B900 |            |            |            |            |            |            |            |            |            |            |            |            |            |            |            |
| Price ex. VAT | 244.00     | 259.00     | 270.00     | 275.00     | 301.00     | 281.00     | 318.00     | 351.00     | 407.00     | 407.00     | 410.00     | 407.00     | 447.00     | 492.00     | 486.00     | 590.00     |
| Price inc. VAT| 292.80     | 310.80     | 324.00     | 330.00     | 361.20     | 337.20     | 381.60     | 421.20     | 488.40     | 421.20     | 492.00     | 506.40     | 486.00     | 590.00     | 590.00     | 590.00     |

GOOD WHITE KAV B910

| Price ex. VAT | 244.00     | 259.00     | 270.00     | 275.00     | 301.00     | 281.00     | 318.00     | 351.00     | 407.00     | 407.00     | 410.00     | 407.00     | 447.00     | 492.00     | 486.00     | 590.00     |
| Price inc. VAT| 292.80     | 310.80     | 324.00     | 330.00     | 361.20     | 337.20     | 381.60     | 421.20     | 488.40     | 421.20     | 492.00     | 506.40     | 486.00     | 590.00     | 590.00     | 590.00     |

CONSERVATION KCV B901

| Price ex. VAT | 270.00     | 270.00     | 314.00     | 331.00     | 331.00     | 331.00     | 331.00     | 331.00     | 331.00     | 331.00     | 331.00     | 331.00     | 331.00     | 331.00     | 331.00     | 331.00     |
| Price inc. VAT| 324.00     | 376.80     | 397.20     | 397.20     | 397.20     | 397.20     | 397.20     | 397.20     | 397.20     | 397.20     | 397.20     | 397.20     | 397.20     | 397.20     | 397.20     | 397.20     |

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GOOD PVC

KPV B900

U<sub>w</sub> 1.3 W/m<sup>2</sup>K

INSTALLED IN A PITCH OF BETWEEN 15 AND 90 DEGREES

- CENTRE PIVOT CLASSIC ROOF WINDOW
- STEEL REINFORCED, INSULATED uPVC PROFILE
- TOUGHENED EXTERNAL PANE
- EXCELLENT THERMAL TRANSMITTANCE OF 1.3 W/m<sup>2</sup>K
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE

EASY MAINTENANCE

RECOMMENDED USE: Rooms with higher humidity or those where dirt may be a problem such as kitchens, bathrooms etc.
**GOOD PVC KPV B900**

**TECHNICAL PARAMETERS**

<table>
<thead>
<tr>
<th>PANE</th>
<th>WINDOW</th>
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<tbody>
<tr>
<td>Variant</td>
<td>9</td>
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<tr>
<td>Construction</td>
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<tr>
<td>Thickness of glazing (mm)</td>
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<tr>
<td>Low E</td>
<td>Argon</td>
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<tr>
<td>Gas</td>
<td>Argon</td>
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<tr>
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<tr>
<td>Total solar energy transmittance</td>
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</tbody>
</table>

* sizes M10A, U4A, npd

**ENERGY SAVING INSULATED GLASS**

1: 4 mm toughened safety glass  
2, 4: Low-E coatings [reflect heat]  
3: Argon gas filled cavity  
5: 6 mm float glass

**ASSOCIATED PRODUCTS**

- Insulation foam collar (IFC)
- Underfelt foil collar (RUC)
- Flashing
- Blind
- Roller shutter
- Roofing vapour barrier foil (RVB)
- Other comfort accessories

**PRICES AND SIZES**

<table>
<thead>
<tr>
<th>Size</th>
<th>cm</th>
<th>C2A</th>
<th>C4A</th>
<th>C6A</th>
<th>F4A</th>
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Prices are in £. Delivery mainland.
- 1-2 working days delivery time (from manufacturer to merchant)
- 15-20 working days delivery time (from manufacturer to merchant)

Delivery time is in working days from receipt of orders placed before 12 pm. Only for LTL deliveries (less than truck-load).

The above lead times may be subject to change, according to stock availability.

The estimated delivery time will be specified at the point of ordering and in the Order Confirmation.
CENTRE PIVOT
OPAQUE GLAZING
AVAILABLE IN NATURAL WOOD, WHITE PAINTED AND WHITE uPVC VARIANTS
TOUGHENED EXTERNAL PANE
VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
20 YEAR GUARANTEE
TECHNICAL PARAMETERS

<table>
<thead>
<tr>
<th>Pane</th>
<th>Variant</th>
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<tbody>
<tr>
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<td>Gas</td>
<td>Argon</td>
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<tr>
<td>Toughened</td>
<td>✔</td>
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<tr>
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WINDOW

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<td>Resistance to wind load</td>
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<td>Class C4</td>
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<tr>
<td>Sound reduction (dB)</td>
<td></td>
<td>32 [-1,-5]</td>
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</tbody>
</table>

PANE CONSTRUCTION

ENERGY SAVING INSULATED GLASS

1: 4 mm toughened safety glass
2: Low-E coating (reflects heat)
3: Argon gas filled cavity
4: 4 mm obscure float glass

ASSOCIATED PRODUCTS

Insulation foam collar (IFC)
Underfelt foil collar (RUC)
Flashing
Blind
Roller shutter
Roofing vapour barrier foil (RVB)
Other comfort accessories

PRICES AND SIZES

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<tr>
<th>Size</th>
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OPAQUE KAV B3300

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OPAQUE WHITE KAV B3310

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OPAQUE PVC KPV B3300

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Prices are in £. Delivery mainland.
1-2 working days delivery time (from manufacturer to merchant)
15-20 working days delivery time (from manufacturer to merchant)
Delivery time is in working days from receipt of orders placed before 12 pm.
Only for LTL deliveries (less than truck-load).
The above lead times may be subject to change, according to stock availability.
The estimated delivery time will be specified at the point of ordering and in the Order Confirmation.
HORIZON
FRF B600 / FRE B600
INSTALLED IN A PITCH OF BETWEEN 5 AND 15 DEGREES

Extra frame extension (FRC)* 15 cm
Frame extension with flange (FRC..F) 16 cm
Roofing material fixing kit (FAF)
* One FRC..F can be combined with max three FRC extension curbs

TECHNICAL PARAMETERS

PANE WINDOW

<table>
<thead>
<tr>
<th>Variant</th>
<th>urc,ref300: (W/m²K)</th>
<th>Arc,ref300: (m²)</th>
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<tbody>
<tr>
<td>6+2</td>
<td>0.87</td>
<td>3.4</td>
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Construction 4H-(--)-4-14,5-33.2

Thickness of glazing (mm) 24+4
Watertightness Class 9A Low E
Air permeability Class 3 Gas Argon Resistance to wind load Class C3
Toughened external glass Sound reduction 36 (-1,-4) dB
Laminated Reaction to fire class B-s1, d0
Total solar energy transmittance 0.54 Impact resistance Class 3

PANE CONSTRUCTION
BASE UNIT OF FLAT ROOF WINDOWS + FLAT GLASS TOP UNIT

1: Easy-to-clean coating
2: 4 mm toughened glass
3: 32 mm vented gap between base and top units of flat roof window
4: 4 mm float glass
5: Low-e heat reflecting coating
6: Argon gas filled cavity
7, 10: 3 mm float glass
8, 9: Two layers of tear resistant foil

ASSOCIATED PRODUCTS

• FLAT GLASS TOP UNIT
• FIXED AND OPENABLE VARIANTS
• TOUGHENED EXTERNAL PANE
• LAMINATED INTERNAL PANE
• 10 YEAR GUARANTEE

HORIZON FIXED FRF B600
Price exc. VAT 354.00 378.00 398.00 458.00 530.00 498.00 640.00 610.00
Price inc. VAT 424.80 453.60 477.60 549.60 636.00 597.60 768.00 732.00

HORIZON VENTED FRE B600
Price exc. VAT 790.00 810.00 830.00 885.00 950.00 920.00 1,050.00 1,020.00
Price inc. VAT 948.00 972.00 996.00 1,062.00 1,140.00 1,104.00 1,260.00 1,224.00

FLAT GLASS TOP UNIT FGT B200
Price exc. VAT 306.00 328.00 345.00 397.00 457.00 431.00 570.00 565.00
Price inc. VAT 367.20 393.60 414.00 476.40 548.40 517.20 684.00 678.00

Prices are in £. Delivery mainland.
1-2 working days delivery time (from manufacturer to merchant)
15-20 working days delivery time (from manufacturer to merchant)
Delivery time is in working days from receipt of orders placed before 12 pm.
Only for LTL deliveries (less than truck-load).
The above lead times may be subject to change, according to stock availability.
The estimated delivery time will be specified at the point of ordering and in the Order Confirmation.
SMART RANGE OF ROOF WINDOWS
HORIZON
FRF B600 / FRE B600
INSTALLED IN A PITCH OF BETWEEN 5 AND 15 DEGREES
Extra frame extension (FRC)* 15 cm
Frame extension with flange (FRC..F) 16 cm
Roofing material fixing kit (FAF)
* One FRC..F can be combined with max three FRC extension curbs

TECHNICAL PARAMETERS

<table>
<thead>
<tr>
<th>PANE</th>
<th>WINDOW</th>
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<td>Variant</td>
<td>U_{\text{ref,300}} (W/m²K)</td>
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<tr>
<td>Construction</td>
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<tr>
<td>Thickness of glazing (mm)</td>
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<td>3.4</td>
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<tr>
<td>Gas</td>
<td>Class 9A</td>
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<tr>
<td>Tougheened external glass</td>
<td>Class C3</td>
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<tr>
<td>Laminated</td>
<td>Sound reduction 36 (-1,-4) dB</td>
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<tr>
<td>Total solar energy transmittance</td>
<td>Impact resistance Class 3</td>
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</tbody>
</table>

PANE CONSTRUCTION

BASE UNIT OF FLAT ROOF WINDOWS + FLAT GLASS TOP UNIT

1: Easy-to-clean coating 2: 4 mm toughened glass 3: 32 mm vented gap between base and top units of flat roof window 4: 4 mm float glass 5: Low-e heat reflecting coating 6: Argon gas filled cavity 7, 10: 3 mm float glass 8, 9: Two layers of tear resistant foil

ASSOCIATED PRODUCTS

- FLAT GLASS TOP UNIT
- FIXED AND OPENABLE VARIANTS
- TOUGHENED EXTERNAL PANE
- LAMINATED INTERNAL PANE
- 10 YEAR GUARANTEE

PRICES AND SIZES

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<th>0409</th>
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VERTICA ENERGY

KAN B1600  Uw 1.2 W/m²K

INSTALLED IN A PITCH OF BETWEEN 15 AND 55 DEGREES

• VERTICAL FIXED ADDITIONAL WINDOW
• TRIPLE PANE CONSTRUCTION
• NATURAL WOOD AND WHITE PAINTED VARIANTS
• TOUGHENED EXTERNAL PANE
• LAMINATED INTERNAL PANE
• 20 YEAR GUARANTEE

TECHNICAL PARAMETERS

<table>
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<td>E1350</td>
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<td>Thickness of glazing (mm)</td>
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<td>Air permeability</td>
<td>Class 4</td>
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<tr>
<td>Low-E</td>
<td>Resistance to wind load</td>
<td>Class C4</td>
<td></td>
</tr>
<tr>
<td>Sound reduction (dB)</td>
<td>36 (-1; -3) dB</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Toughened  Laminated

Ug (W/m²K) | 0.81 |
Total solar energy transmittance | 0.54 |

THE VERTICAL FIXED WINDOW IS NOT SUITABLE FOR INDIVIDUAL INSTALLATION!
THE SIZE OF THE FLASHING NEEDS TO BE DETERMINED BY THE SIZE OF THE OPENABLE ROOF WINDOW INSTALLED ABOVE THE FIXED WINDOW.

PRICES AND SIZES

<table>
<thead>
<tr>
<th>Size</th>
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VERTICA ENERGY  KAN B1600

Price exc. VAT | 412.00 |
Price inc. VAT | 494.40 |

VERTICA ENERGY WHITE  KAN B1610

Price exc. VAT | 412.00 |
Price inc. VAT | 494.40 |

SLATE FLASHING KSN

Price exc. VAT | 127.00 |
Price inc. VAT | 152.40 |

UNIVERSAL FLASHING KUN

Price exc. VAT | 132.00 |
Price inc. VAT | 158.40 |

ASSOCIATED PRODUCTS FOR VERTICAL FIXED ROOF WINDOW

KAN B1600 /B1610

M31A M31A M31A M31A M34A M34A M34A M34A

KAV B900 /B910

KAV B1000 /B1010

KHV B1000 /B1010

KEV B1200 /B1210

KAV B1500 / B1510

KEV B1800 /B1810

KSN

MXA

**KUN

MXA**

M4A M4A M6A M6A M8A M8A M10A M10A

ROOF WINDOW SLATE FLASHING UNIVERSAL FLASHING

**available sizes: M4A, M6A, M8A, M10A**

ENERGY SAVING

INSULATED GLASS
VERTICA ENERGY • VERTICAL FIXED ADDITIONAL WINDOW • TRIPLE PANE CONSTRUCTION • NATURAL WOOD AND WHITE PAINTED VARIANTS • TOUGHENED EXTERNAL PANE • LAMINATED INTERNAL PANE • 20 YEAR GUARANTEE

KAN B1600

VERTICA ENERGY WHITE KAN B1610

THE VERTICAL FIXED WINDOW IS NOT SUITABLE FOR INDIVIDUAL INSTALLATION! THE SIZE OF THE FLASHING NEEDS TO BE DETERMINED BY THE SIZE OF THE OPENABLE ROOF WINDOW INSTALLED ABOVE THE FIXED WINDOW.

TECHNICAL PARAMETERS

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<tr>
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<tr>
<td>Thickness of glazing (mm)</td>
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<tr>
<td>Low E</td>
<td>✓</td>
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<tr>
<td>Gas</td>
<td>Argon</td>
<td></td>
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<tr>
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<td>✓</td>
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<tr>
<td>Laminated</td>
<td>✓</td>
<td></td>
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<tr>
<td>( U_{w} ) [W/m²K]</td>
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<tr>
<td>Total solar energy transmittance</td>
<td>0.54</td>
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</tbody>
</table>

| WINDOW | \( U_{r} \) [W/m²K] | 1.2 |
| Water tightness | E1350 |
| Air permeability | Class 4 |
| Resistance to wind load | Class C4 |
| Sound reduction (dB) | 36 (-1, -3) dB |

PANE CONSTRUCTION

ENERGY SAVING INSULATED GLASS

1: 4 mm toughened safety glass
2: Argon gas filled cavity
3: Heat reflecting coating
4: 3 mm heat-strengthened glass
5: 10: 3 mm float glass
8, 9: Two layers of tear resistant foil

ASSOCIATED PRODUCTS FOR VERTICAL FIXED ROOF WINDOW

ROOF WINDOW

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<td>M8A</td>
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</table>

SLATE FLASHING

| KSN | M3A |
| M4AM6AM8AM10A |

UNIVERSAL FLASHING

| KUN | M3A |
| M4AM6AM8AM10A |

PRICES AND SIZES

<table>
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<tr>
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<tr>
<td>Price inc. VAT</td>
<td>£494.40</td>
<td>£536.40</td>
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</tr>
</tbody>
</table>

| **VERTICA ENERGY WHITE KAN B1610** |
| Price exc. VAT | £412.00 | £447.00 |
| Price inc. VAT | £494.40 | £536.40 |

<table>
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| **UNIVERSAL FLASHING KUN** |
| Price exc. VAT | £132.00 | £144.50 | £149.00 | £152.50 |
| Price inc. VAT | £158.40 | £173.40 | £178.80 | £183.00 |

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- SLOPED FIXED ADDITIONAL ROOF WINDOW
- TRIPLE PANE CONSTRUCTION
- NATURAL WOOD AND WHITE PAINTED VARIANTS
- TOUGHENED EXTERNAL PANE
- LAMINATED INTERNAL PANE
- 20 YEAR GUARANTEE
TECHNICAL PARAMETERS

<table>
<thead>
<tr>
<th>PANE</th>
<th>WINDOW</th>
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</thead>
<tbody>
<tr>
<td>Variant</td>
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<tr>
<td>Construction</td>
<td>33.2-10-3H5-10-4H</td>
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<td>Thickness of glazing (mm)</td>
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<tr>
<td>Gas</td>
<td>Argon</td>
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<tr>
<td>Toughened</td>
<td>✔</td>
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<tr>
<td>Laminated</td>
<td>✔</td>
</tr>
<tr>
<td>$U_g$ (W/m²K)</td>
<td>0.81</td>
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<tr>
<td>Total solar energy transmittance</td>
<td>0.54</td>
</tr>
</tbody>
</table>

| PANE CONSTRUCTION |

1: 4 mm toughened safety glass  2: Argon gas filled cavity  3: Heat reflecting coating  4: 3 mm heat-strengthened glass  7: 10: 3 mm float glass  8: 9: Two layers of tear resistant foil

ASSOCIATED PRODUCTS FOR SLOPED FIXED ROOF WINDOW

**Prices are in £. Delivery mainland. 1-2 working days delivery time (from manufacturer to merchant). Delivery time is in working days from receipt of orders placed before 12 pm. Only for LTL deliveries (less than truck-load). The above lead times may be subject to change, according to stock availability. The estimated delivery time will be specified at the point of ordering and in the Order Confirmation.**
SKYLIGHT
KFE
INSTALLED IN A PITCH OF BETWEEN 15 AND 60 DEGREES

- DAKEA CONTROL SKYLIGHT HAS OPENINGS THAT CAN BE CHANGED FROM RIGHT-HUNG TO LEFT-HUNG
- EQUIPPED WITH AN OPENING RESTRICTOR TO KEEP IT OPENED IN 90 DEGREES
- AVAILABLE IN GREY COLOUR (RAL 7043) AND RED COLOUR (RAL 8004)

LIGHT & FRESH AIR
RECOMMENDED USE: All uninhabited spaces.
SKYLIGHT
KFE
INSTALLED IN A PITCH OF BETWEEN 15 AND 60 DEGREES

• DAKEA CONTROL SKYLIGHT HAS OPENINGS THAT CAN BE CHANGED FROM RIGHT-HUNG TO LEFT-HUNG EQUIPPED WITH AN OPENING RESTRICTOR TO KEEP IT OPENED IN 90 DEGREES

• AVAILABLE IN GREY COLOUR (RAL 7043) AND RED COLOUR (RAL 8004)

LIGHT & FRESH AIR

RECOMMENDED USE:
All uninhabited spaces.

TECHNICAL PARAMETERS

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>KFE 4555, 4573, 6565</th>
<th>KFE 8585</th>
<th>KFE U 4573</th>
<th>KFE RED 4555, 4573</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opening restrictor to fix the sash in open position</td>
<td>+</td>
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<tr>
<td>Side-hung opening as default</td>
<td>+</td>
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<tr>
<td>Integrated flashing with apron</td>
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<td>Integrated foil collar</td>
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<tr>
<td>Tile support foam</td>
<td>+</td>
<td>+</td>
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<tr>
<td>Roof pitch range</td>
<td>15-60°</td>
<td>15-45°</td>
<td>15-60°</td>
<td>15-60°</td>
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<tr>
<td>Suitable for all common roofing up to 90 mm in height</td>
<td>+</td>
<td>+</td>
<td>+</td>
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<tr>
<td>Weather and UV ray resistant</td>
<td>+</td>
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<tr>
<td>Kiln-dried pine wood</td>
<td>+</td>
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<tr>
<td>Fungicide protection</td>
<td>+</td>
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<tr>
<td>14mm double pane (3-8-3)</td>
<td>+</td>
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<tr>
<td>Steel handle with two ventilation positions</td>
<td>+</td>
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<tr>
<td>5 year guarantee</td>
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OPENING

<table>
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<tr>
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<th>SIZE</th>
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<th>KFE 4573 U</th>
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PRICES AND SIZES

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<th>cm</th>
<th>KFE 4555</th>
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<th>KFE 6565</th>
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<td></td>
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<td>Price ex. VAT</td>
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Prices are in £. Delivery mainland.
1-2 working days delivery time (from manufacturer to merchant)
15-20 working days delivery time (from manufacturer to merchant)
Delivery time is in working days from receipt of orders placed before 12 pm. Only for LTL deliveries (less than truck-load). The above lead times may be subject to change, according to stock availability. The estimated delivery time will be specified at the point of ordering and in the Order Confirmation.
STANDARD FLASHINGS

DAKEA ROOF WINDOWS MUST BE INSTALLED WITH DAKEA ORIGINAL FLASHINGS. WE OFFER A FULL RANGE OF FLASHINGS SUITABLE FOR THE MAJORITY OF ROOFING MATERIALS FOR EASY, FAST AND DURABLE INSTALLATION.

KFF / KFF VINT. 
FLUSH FLASHING
For recessed installation of single roof window into slate profile height 16 mm (2x8 mm). The 40 mm deeper installation offers better energy performance and aesthetical benefits. Suitable for a roof pitch range of 20° - 90°.
Roofing material:
slates up to 8 mm
Parts
• Upper element
• Soakers (8 – 16 pcs, depending on the window size)
• Bottom element
• Drainage gutter

KSF
SLATE FLASHING
Suitable for slates and flat roofing, up to 16 mm (2x8 mm).
Roofing material:
natural slates, manufactured slates, shingle, asphalt, roofing felt, bitumen etc. Not compatible with standing seam.
Parts
• Upper element
• Soakers (10 – 20 pcs/side depending on the window size)
• Bottom element
• Drainage gutter

KUF / KUF VINT. 
UNIVERSAL FLASHING
Universal solution for high tiles between 16-120 mm.
Roofing material:
high profile tiles, flat slates, pantiles, corrugated roofing sheets, etc.
Parts
• Upper element
• 2 pcs of side parts
• Bottom element (with extra long apron)
• Drainage gutter
KFF / KFF VINT. FLUSH FLASHING
For recessed installation of single roof window into slate profile height 16 mm (2x8 mm). The 40 mm deeper installation offers better energy performance and aesthetical benefits. Suitable for a roof pitch range of 20° - 90°.

Roofing material:
slates up to 8 mm

Parts
• Upper element
• Soakers (8 – 16 pcs, depending on the window size)
• Bottom element
• Drainage gutter

KSF / SLATE FLASHING
Suitable for slates and flat roofing, up to 16 mm (2x8 mm).

Roofing material:
natural slates, manufactured slates, shingle, asphalt, roofing felt, bitumen etc.

Not compatible with standing seam.

Parts
• Upper element
• 2 pcs of side parts
• Bottom element
• Drainage gutter

KLS
SLATE FLASHING WITH ONE PIECE SIDE ELEMENT
Suitable for slates and flat roofing, up to 8 mm (max overall thickness is 16 mm).

Roofing material:
natural slates, manufactured slates, shingle, asphalt, roofing felt, bitumen etc.

Not compatible with standing seam.

Parts
• Upper element
• 2 pcs of side parts
• Bottom element
• Drainage gutter

This flashing is easy to fit and suitable for all Dakea roof windows. It matches the colour of the cladding and goes well with all standard roofing material colours. This helps to create a neat finish to every installation and makes the touching points around the roof window immune to wind and dire weather conditions. Installing flashing also helps to navigate rainfall straight down the roof, to protect the window from being damaged by moisture. Thanks to the one piece side element, the installation is easy and hassle free.

KLS ensures that the joints remain watertight as it integrates securely with roofing materials such as natural slates, manufactured slates, shingle, asphalt, roofing felt and bitumen etc. (please remember it is not compatible with standing seam). It works well with slates and flat roofing up to 8mm, with a maximum overall thickness of 16mm.

KFT / TILE FLASHING FOR INTERLOCKING FLAT TILES
Ensures aesthetic and water tight installation for interlocking flat tiles between 16 and 50 mm.

Roofing material:
“Click” standing seem metal sheet

Parts
• Upper element with prefixed watershield dam – 1pc
• Side elements – 2pcs
• Watershield dams – 3pcs
• Bottom element – 1 pc
• Butyl

KSS / STANDING SEAM FLASHING
Suitable for installation of windows in “click” standing seam metal sheet.

Roofing material:
“Click” standing seem metal sheet

Parts
• Upper element with prefixed watershield dam – 1pc
• Side elements – 2pcs
• Watershield dams – 3pcs
• Bottom element – 1 pc
• Butyl

0-16 mm
0-16 mm
0-28 mm
16-50 mm
16-120 mm
16-50 mm
16-50 mm
16-120 mm
4948

This flashing is easy to fit and suitable for all Dakea roof windows. It matches the colour of the cladding and goes well with all standard roofing material colours. This helps to create a neat finish to every installation and makes the touching points around the roof window immune to wind and dire weather conditions. Installing flashing also helps to navigate rainfall straight down the roof, to protect the window from being damaged by moisture. Thanks to the one piece side element, the installation is easy and hassle free.

KLS ensures that the joints remain watertight as it integrates securely with roofing materials such as natural slates, manufactured slates, shingle, asphalt, roofing felt and bitumen etc. (please remember it is not compatible with standing seam). It works well with slates and flat roofing up to 8mm, with a maximum overall thickness of 16mm.

KFT TILE FLASHING FOR INTERLOCKING FLAT TILES
Ensures aesthetic and water tight installation for interlocking flat tiles between 16 and 50 mm.

Roofing material:
“Click” standing seem metal sheet

Parts
• Upper element with prefixed watershield dam – 1pc
• Side elements – 2pcs
• Watershield dams – 3pcs
• Bottom element – 1 pc
• Butyl

KSS STANDING SEAM FLASHING
Suitable for installation of windows in “click” standing seam metal sheet.

Roofing material:
“Click” standing seem metal sheet

Parts
• Upper element with prefixed watershield dam – 1pc
• Side elements – 2pcs
• Watershield dams – 3pcs
• Bottom element – 1 pc
• Butyl

KFT TILE FLASHING FOR INTERLOCKING FLAT TILES
Ensures aesthetic and water tight installation for interlocking flat tiles between 16 and 50 mm.

Roofing material:
“Click” standing seem metal sheet

Parts
• Upper element with prefixed watershield dam – 1pc
• Side elements – 2pcs
• Watershield dams – 3pcs
• Bottom element – 1 pc
• Butyl

KSS STANDING SEAM FLASHING
Suitable for installation of windows in “click” standing seam metal sheet.

Roofing material:
“Click” standing seem metal sheet

Parts
• Upper element with prefixed watershield dam – 1pc
• Side elements – 2pcs
• Watershield dams – 3pcs
• Bottom element – 1 pc
• Butyl

0-16 mm
0-16 mm
0-28 mm
16-50 mm
16-50 mm
16-50 mm
16-50 mm
16-50 mm
4948
COMBI FLASHINGS

IF THE CUSTOMERS WANT TO INSTALL MORE THAN ONE WINDOW NEXT TO ONE ANOTHER OR ABOVE ONE ANOTHER, THEY HAVE TO USE THE SPECIAL FLASHING COMBINATION KIT.

COMBI FLASHING IS ONLY AVAILABLE IN UNIVERSAL AND SLATE VERSIONS.

KEY POINTS FOR THE PERFECT CHOICE

What is the size of the windows?  
What is the required distance between the windows?  
What is the size of the rafters?

What is the distance between the rafters?  
Are the rafters straight and parallel?

CONTENT OF COMBI FLASHING BOXES

For 2 windows positioned besides each other  
\[\text{e.g. UCX M4A 13F}\]

For 3 windows positioned besides each other  
\[\text{e.g. UCX M4A 13F, UCX M4A 2F}\]

For 4 windows positioned besides each other  
\[\text{e.g. UCX M4A 13F, 2x UCX M4A 2F}\]

For 2 windows positioned on top of each other  
\[\text{e.g. KUF M4A, UCX M4A 7E}\]

For 2x2 windows combined  
\[\text{e.g. UCX M4A 13F, UCX M4A 46FE}\]

For 2x4 windows combined  
\[\text{e.g. UCX M4A 13F, 2x UCX M4A 2F, UCX M4A 46FE, 2x UCX M4A 5FE}\]

In case of SCX combination use UCX 5 EE item(s) with the relevant window size.
**COMBI FLASHINGS**

For 2 windows positioned besides each other
e.g. UCX M4A 13F

For 2 windows positioned on top of each other
e.g. KUF M4A, UCX M4A 7E

For 4 windows positioned besides each other
e.g. UCX M4A 13F, 2x UCX M4A 2F

For 3 windows positioned besides each other
e.g. UCX M4A 13F, UCX M4A 2F

For 2x2 windows combined
e.g. UCX M4A 13F, UCX M4A 46FE

For 2x4 windows combined
e.g. UCX M4A 13F, 2x UCX M4A 2F, UCX M4A 46FE, 2x UCX M4A 5FE

In case of SCX combination use UCX 5 EE item(s) with the relevant window size.

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**KEY POINTS**

For the perfect choice

- What is the size of the windows?
- What is the required distance between the windows?
- What is the size of the rafters?
- What is the distance between the rafters?
- Are the rafters straight and parallel?

---

**CONTENT OF COMBI FLASHING BOXES**

**SCX COMBI SLATE FLASHING**

Suitable for installation of more than one window next to one another or above one another.

Roofing material: natural slates, manufactured slates, shingle, asphalt, roofing felt, bitumen etc. Not compatible with steel roofing connected by standing seam.

Parts
- Parts depend on the type of the installation

**UCX COMBI UNIVERSAL FLASHING**

Suitable for installation of more than one window next to one another or above one another.

Roofing material: universal solution for high tiles between 16-120 mm

Parts
- Parts depend on the type of the installation

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**DISTANCE BETWEEN WINDOWS**

The distance between two windows next to each other can be:
- **E**: 100 mm
- **F**: 120 mm
- **G**: 140 mm

The distance between two windows one above the other is ALWAYS:
- **E**: 100 mm

Because of the max. 100 mm distance, in case of two (or more) windows installed above one another the roller shutter can only be installed above the top one!

Find more on: [www.dakea.com/compose-your-combi](http://www.dakea.com/compose-your-combi)
EASY INSTALLATION
ACCESSORIES

IFC
for standard frame window
100% WATER TIGHT INSTALLATION
The Insulation Foam Collar provided with a self-gluing strip for an easy and secure fit.

IFC DO NOT FIT windows with KFF flashing (recessed installation)

REDUCE HEAT LOSS AND CONDENSATION, AND SAVE ENERGY

IFC INSULATION FOAM COLLAR
Reduce the heat loss around window frame
The Insulation Foam Collar forms an insulating frame around the window, restricting heat loss.

Ensure faster and faultless installation
The Insulation Foam Collar is pre-cut, so the installation is limited to sticking on the adhesive side. Always ensuring the right fit!

UNIQUE INSTALLATION ADVANTAGES OF OUR ROOF WINDOWS

RUC
ROOFING UNDERFELT FOIL COLLAR
Reduces the installation time by eliminating the need for cutting.

Ensures 100% water tightness
Made of stretchable, highly tear-resistant polystyrene, non-woven fabric with a vapour permeable polyurethane coating from one piece with no joints, so it ensures 100% water tightness.

Easy to fit and adjust
The squared surface will help you to cut straight if necessary – making the installation even quicker and easier.

UNDERFELT FOIL COLLAR
Speeds up installation as not necessary to cut the foil and make the underlay from pieces.

ROOFING VAPOUR BARRIER FOIL
Ensures proper connection with the internal vapour barrier

INSULATION FOAM COLLAR
forms a sealing frame around your window, restricting heat loss. It also helps with easier, faster and faultless installation.

RVB
ROOFING VAPOUR BARRIER FOIL
Ensures proper connection with the internal vapour barrier
Roofing Vapour Barrier is made of vapour and airtight material.

Ensures faster and faultless installation
Welded rubber gaskets with pressure seals guarantee quick installation resulting in a vapour and air tight solution.
Reinforced corners for extra protection against tearing.
The Insulation Foam Collar provided with a self-gluing strip for an easy and secure fit.

**IFC**

**INSULATION FOAM COLLAR**

Reduce the heat loss around window frame
The Insulation Foam Collar forms an insulating frame around the window, restricting heat loss.

Ensure faster and faultless installation
The Insulation Foam Collar is pre-cut, so the installation is limited to sticking on the adhesive side. Always ensuring the right fit!

**IFC DO NOT FIT**

windows with KFF flashing (recessed installation)
DUA BLACKOUT BLIND

- Perfect fit with our roof windows - no adjustments required
- Easy to install - it takes only 5 minutes
- Almost 100% blackout effect
- High quality rubber coated polyester fabric
- The fabric is hard wearing and dirt resistant
- Easy to clean with a damp cloth
- Stop in any position
- Elegant brushed aluminium cover parts
- It improves the U-value up to 0.2 W/m²K (based on CSTB calculation)
- 2 year guarantee

ANTI-HEAT BLIND

- Perfect fit with our roof windows - no adjustments required
- Easy to install - it takes only 5 minutes
- PVC coated fibreglass fabric
- The cloth is designed to keep the heat out and let a soft light in
- The cloth is UV and water resistant
- Externally fixed to the top of the roof window
- Very easy to operate the blind from the inside
- While using the blind, you can easily open the window and let the air in
- The cloth is 2 cm wider than the pane - more protection with an open window
- 2 year guarantee
DIFFUSED LIGHT & PRIVACY

**RHA**
**ROLLER BLIND**
- Perfect fit with our roof windows - no adjustments required
- Easy to install - it takes only 5 minutes
- Perfect for dimming the light
- The fabric is translucent polyester
- The fabric is hard wearing and dirt resistant
- Can be used in 3 different positions
- Easy to clean with a damp cloth
- Elegant brushed aluminium cover parts
- 2 year guarantee

**PAA**
**VENETIAN BLINDS**
- Perfect fit with our roof windows - no adjustments required
- Easy to install - it takes only 5 minutes
- Humidity resistant, lacquered aluminium slats
- Stop in any position
- Classic venetian effect
- Heat, cordless operation
- Ideal for humid environments
- 2 year guarantee

**MIA**
**ANTI-HEAT BLIND**
- Perfect fit with our roof windows - no adjustments required
- Easy to install - it takes only 5 minutes
- PVC coated fibreglass fabric
- The cloth is designed to keep the heat out and let a soft light in
- The cloth is UV and water resistant
- Externally fixed to the top of the roof window
- Very easy to operate the blind from the inside
- While using the blind, you can easily open the window and let the air in
- The cloth is 2 cm wider than the pane - more protection with an open window
- 2 year guarantee

**WHAT DOES MULTIFIT MEAN?**
It means that the product is compatible with Dakea, VELUX®, Fakro®, RoofLITE®, Keylite®, Dakstra, Optilight® and Starlite® windows.

SHADE AND THERMO-REGULATION

**FILTERED LIGHT**

**SHADE**

**THERMO-REGULATION**

**FILTERED LIGHT**
ACCESSORIES/SPECIAL PRODUCTS

**SHR ROLLER SHUTTER**
- The most effective solution against solar heat
- Excludes light completely
- Protects against burglary
- Gives you 100% privacy
- It can improve the U-value up to 0.3 W/m²K (based on CSTB calculation)
- 3 year guarantee

**Material**
- Coated aluminium
- Double insulated aluminium slats for increased insulation
- Painted grey, RAL7043

**Operation**
- Electric operation
- Includes radio remote controller
- SHR 4200E can be linked with io-homecontrol®
- The shutter follows the movement of the sash whether the panzer is up or down

**SSR SOLAR ROLLER SHUTTER**
Solar operated roller shutter designed to fit perfectly with all size of your DAKEA roof windows. It protects against heat in summer and cold in winter time. When it’s closed it provides extra sound reduction and security. It comes with a pre-paired wireless wall switch and compatibility with io-homecontrol® system. This roller shutter comes with a 3-year guarantee.
**AUTOMATIC OPERATION**

**KAS**

**SMOKE VENT ROOF WINDOW**

The Dakea KAS is a centre pivot smoke-ventilation roof windows for sloping roofs between 15 and 60 degrees. Our smoke ventilation roof window is CE-marked in compliance with the European standard EN 12101-2 for smoke and heat exhaust ventilators. It is equipped with an electric motor and gas struts, which open the window sash to the maximum position within 60 sec upon receiving the sign from the control unit if the smoke detector detects smoke in atmosphere or the break-glass point is shattered.

* Available on request.

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**SLK100**

**SAFETY LOCK**

- High quality push lock that provides increased protection against burglars and incidental opening from the inside.
- Installation only takes 15 minutes and allows installation of all kinds of internal blinds.
- Compatible with all Dakea standard frame wooden windows.

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**ZAR OPENER ROD**

- The ZAR opener rod can be used for all Altaterra roof windows.
- The opener rod makes it possible to open/close the window when it is out of reach.
- Available in 80 cm and 120 cm versions.

**AMC100**

**ELECTRIC OPENER**

Provides the comfort and ease of automated roof window operation. The device is also equipped with a rain sensor for automatic closing when it rains. An easy and flexible solution which removes the need of having to reach up to operate the roof window. Perfect for windows in difficult to reach positions. Remote control operation only. After installation the window may not be manually operated. This opener also comes with a 2-year guarantee.

One complete roof window opener set includes:
- a motor unit with all electrical connections
- a rain sensor
- a remote controller
- screws
- mounting brackets

The motor is placed at the bottom of the window frame and will operate the opening and closing of the window. The product is compatible with products with the io-homecontrol® system.

**Technical data**

- Power supply voltage: 230V-240V - 50Hz
- Power consumption: 40W
- Mains cable: 2x0,75 mm²
- Mains cable length: 7 m
- Max. operational opening length: 20 cm
- Duration of full opening time: 27 s
- Protection degree of electric device: IP44
- Weight (net): 1,75 kg
- Dimensions: 455x48x30 mm

* The plug on the mains cable is for indoor use only.

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**INCREASED SAFETY**

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**SSR SOLAR ROLLER SHUTTER**

Solar operated roller shutter designed to fit perfectly with all size of your Dakea roof windows. It protects against heat in summer and cold in winter time. When it’s closed it provides extra sound reduction and security. It comes with a pre-paired wireless wall switch and compatibility with IO-homecontrol® system. This roller shutter comes with a 3-year guarantee.

**KAS**

**SMOKE VENT ROOF WINDOW**

The Dakea KAS is a centre pivot smoke-ventilation roof windows for sloping roofs between 15 and 60 degrees. Our smoke ventilation roof window is CE-marked in compliance with the European standard EN 12101-2 for smoke and heat exhaust ventilators. It is equipped with an electric motor and gas struts, which open the window sash to the maximum position within 60 sec upon receiving the sign from the control unit if the smoke detector detects smoke in atmosphere or the break-glass point is shattered.

* Available on request.
QUICK INSTALLATION GUIDE

BEFORE INSTALLATION

WHAT IS THE ROOF PITCH?
DAKEA SOLUTION
5° – 90°

CUTTING THE RAFTERS & DISTANCE BETWEEN THE RAFTERS

If you need to cut your rafters, consult an expert in order to ensure the integrity of your roof.

SHAPING THE INTERNAL LINING
MAXIMISE THE LIGHT

CORRECT INSTALLATION IS ESSENTIAL

MINIMISE THE CONDENSATION

Incorrectly splayed reveals trap warm air and may cause condensation.
Correctly splayed reveals allow warm air to circulate freely around the room.

INSTALLATION HEIGHT

RECOMMENDED MIN AND MAX INSTALLATION HEIGHT

15°<A<55°
110-140 cm

15°<A<90°
90-130 cm

IN THE BOX OF FLASHING
• Top frame covering
• Upper “U” profile for the frame
• Side frame covering 2X (left & right)
• Lower frame covering

PREINSTALLED
• Sash striking bead covering 2X
• Sash bottom covering above the glass

CHECK DAKEA youtube channel for installation film and more:
www.youtube.com/dakeachannel
PREPARATION AND FIXING THE FRAME
Remove battens to the extent of the framed area.
Cut out the roofing underlay.
Fasten a batten to support the window frame.
Fix the brackets provided with the screws.

PLACING IFC
Clean the outer part of the frame if dirty.
Remove the paper tape from the IFC and place it on the outer side of the frame! Pay attention to the positioning at the corners and along the edges!
Fix the corners with the preapplied glue.
Carefully pass the frame (with brackets fixed) through the opening. Place the frame onto the support battens.

ATTACHING RUC
First the RUC needs to be adjusted to the upper corners of the frame.
The RUC has to be stretched around the complete frame.
Fix the RUC to the outer frame with staples or tape.

INSTALLING FLASHING
Remember the drainage gutter above the window.
Fix the bottom flashing section to the frame.
Fit bottom cover and side sections.
Fit top cover part, fix it with the provided screws.
Replace tiles.
Replace the sash in frame.
That’s it! You have now installed your roof window.

Check Dakea youtube channel for installation film and more:
www.youtube.com/dakeachannel

TIP!
Dakea windows have a pre-grooved frame. In case of PVC window self tapping screws should be used for fixing the brackets to the window frame. Wood screws are for fixing the brackets to the battens.

TIP!
The drainage gutter draws the water away at the bottom of the window. This solution makes installation faster. A drainage gutter is included in most Dakea flashing boxes.
GUARANTEE & CERTIFICATES

WE ARE SO CONFIDENT ABOUT THE HIGH QUALITY OF OUR WINDOWS, THAT WE GIVE THEM A 20 YEAR GUARANTEE - THE LONGEST GUARANTEE ON THE MARKET.

We grant the end user a ten-year guarantee for all roof windows (excluding skylights), including panes and flashings and a ten-year guarantee for the roller shutters. For the skylights, blinds and other accessories we offer a two-year guarantee.

The roof windows “Next 20 Guarantee” system gives you a simple choice between a 10 year legal guarantee and an extensive, unbeatable, free of charge 20 year product guarantee which we offer to our registered clients. There are no hidden costs or conditions. All you need to do is to register online at www.dakea.com. It will increase your home value and give you an extra 10 years’ peace of mind.

MAINTENANCE

CLEANING THE OUTSIDE OF THE WINDOW AND WINDOW PANE
You can clean the outside of the window pane by rotating the sash through 165 degrees, which gives you easy access. If your window has an easy-to-clean coating, do not use highly concentrated acid or alkaline cleaning fluids. In addition, do not scratch the surface of the easy-clean-coating and do not use objects which contain silicon.

You should periodically clean the flashing as well, clearing leaves to ensure the free flow of rainwater around the window.

LUBRICATION OF HINGES
We recommend that you lubricate the hinges from time to time in order to ensure smooth rotation of your window.

MAINTENANCE OF PISTONS (IN HIGH PIVOT WINDOWS)
It is not necessary to lubricate the pistons but do periodically check that they are clean.

CLEANING THE SURFACE OF THE WOOD OR PVC
Hot soapy water is good for surface cleaning. Please note, that frequent cleaning may increase the need for re-varnishing of the wood.

RE-VARNISHING OF THE WOODEN PARTS
We recommend you re-varnish the wood every two years. However, this will depend on the humidity of the room in question. Please, check the wooden surface regularly and re-varnish if necessary. You can use any type of water-based varnish available on the market. We recommend a clear, colourless varnish to retain the natural beauty of the wooden elements. When applying it, ensure you do so evenly. Please, avoid varnishing the rubber seal.

GET RID OF SNOW ON THE OUTER PANE
By opening the window carefully, you can brush off any snow. We also recommend that you install a heating element directly under the window, ensuring not only that snow slides off more easily, but also that the risk of condensation on the interior of the pane is minimised. We also highly recommend that you install snow guards outside above the window to avoid damage to the roof window in the case of a heavy snow load.

CLEAN DIRTY BLIND FABRIC
To clean dusty or dirty internal blind fabric simply use a damp cloth.
CERTIFICATES

ISO 9001
Quality management system

ISO 14001
Environmental management system

OHSAS 18001
Occupational Health and Safety Management Systems

CSTB
Manufacturing equipment and quality control of manufacturing process (part of CSTB certification)

CSTB
Product and supply chain certification for FR market

BBA
Product and factory certification for UK market

P-MARKING
Insulated glazing unit certification

KOMO
Product certification for the NL market

FSC
Certification of wood is used from sustainable forestry

CSTB, ÉMI
Noise reduction, fire resistance

IFT ROSENHEIM
U-value, air permeability, water tightness

CSI
U-value, surface temperature

DOP
Follow the link to find DoP documentation: www.dakea.co.uk/DoP

RE-VARNISHING OF THE WOODEN PARTS

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We grant the end user a ten-year guarantee for all roof windows (excluding skylights), including panes and flashings and a ten-year guarantee for the roller shutters. For the skylights, blinds and other accessories we offer a two-year guarantee.

The roof windows' “Next 20 Guarantee” system gives you a simple choice between a 10 year legal guarantee and an extensive, unbeatable, free of charge 20 year product guarantee which we offer to our registered clients. There are no hidden costs or conditions. All you need to do is to register online at www.dakea.com. It will increase your home value and give you an extra 10 years’ peace of mind.

GUARANTEE, MAINTENANCE & CERTIFICATES

CLEANING THE OUTSIDE OF THE WINDOW AND WINDOW PANE
You can clean the outside of the window pane by rotating the sash through 165 degrees, which gives you easy access. If your window has an easy-to-clean coating, do not use highly concentrated acid or alkaline cleaning fluids. In addition, do not scratch the surface of the easy-clean-coating and do not use objects which contain silicon.

You should periodically clean the flashing as well, clearing leaves to ensure the free flow of rainwater around the window.

LUBRICATION OF Hinges
We recommend that you lubricate the hinges from time to time in order to ensure smooth rotation of your window.

MAINTENANCE OF PISTONS (IN HIGH PIVOT WINDOWS)
It is not necessary to lubricate the pistons but do periodically check that they are clean.

CLEANING THE SURFACE OF THE WOOD OR PVC
Hot soapy water is good for surface cleaning. Please note, that frequent cleaning may increase the need for re-varnishing of the wood.

WE RECOMMEND YOU RE-VARNISH THE WOOD EVERY TWO YEARS. HOWEVER, THIS WILL DEPEND ON THE HUMIDITY OF THE ROOM IN QUESTION. PLEASE, CHECK THE WOODEN SURFACE REGULARLY AND RE-VARNISH IF NECESSARY. YOU CAN USE ANY TYPE OF WATER-BASED VARNISH AVAILABLE ON THE MARKET. WE RECOMMEND A CLEAR, COLOURLESS VARNISH TO RETAIN THE NATURAL BEAUTY OF THE WOODEN ELEMENTS. WHEN APPLYING IT, ENSURE YOU DO SO EVENLY. PLEASE, AVOID VARNISHING THE RUBBER SEAL.

GET RID OF SNOW ON THE OUTER PANE
By opening the window carefully, you can brush off any snow. We also recommend that you install a heating element directly under the window, ensuring not only that snow slides off more easily, but also that the risk of condensation on the interior of the pane is minimised. We also highly recommend that you install snow guards outside above the window to avoid damage to the roof window in the case of a heavy snow load.

CLEAN DIRTY BLIND FABRIC
To clean dusty or dirty internal blind fabric simply use a damp cloth.

MAINTENANCE
### PRICES

#### ROOF WINDOWS

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### Prices

Prices are in £. Delivery mainland.

- 1-2 working days delivery time (from manufacturer to merchant)
- 10 working days delivery time (from manufacturer to merchant)
- 15-20 working days delivery time (from manufacturer to merchant)

*Delivery time is in working days from receipt of orders placed before 12 pm. Only for LTL deliveries (less than truck-load).

The above lead times may be subject to change, according to stock availability.

The estimated delivery time will be specified at the point of ordering and in the Order Confirmation.
## PRICES

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### FIXED ROOF WINDOWS

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#### VISION ENERGY WHITE KAI B1610

| Price exc. VAT | 398.00 |
| Price inc. VAT | 477.60 |

### FLAT ROOF WINDOWS

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| Price inc. VAT | 164.60 |

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| Price inc. VAT | 162.00 |
### Prices

#### Standard Flashings

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**Prices**

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**Slate Flashing with One Piece Element**

**UCX**

**UCX P8A 13 and UCX P8A 2 are available only in variant E.**

**COMBI Flashings**

**6564**

The estimated delivery time will be specified at the point of ordering and in the Order Confirmation.

The above lead times may be subject to change, according to stock availability.

### Prices

| SLATE FLASHING FOR VERTICAL FIXED ROOF WINDOWS | KSN |
| SLATE FLASHING FOR SLOPED FIXED ROOF WINDOWS | KSI |
| UNIVERSAL FLASHING FOR SLOPED FIXED ROOF WINDOWS | KUI |
| STANDING SEAM FLASHING | KSS |
| SLATE FLASHING | KSF |
| FLAT TILE FLASHING | KFT |
| STANDING SEAM FLASHING | KSS |
| UNIVERSAL FLASHING FOR SLOPED FIXED ROOF WINDOWS | KUN |

**Prices are in E. Delivery mainland.**

- **1-2 working days delivery time (from manufacturer to merchant)**
- **10 working days delivery time (from manufacturer to merchant)**
- **15-20 working days delivery time (from manufacturer to merchant)**

Delivery time is in working days from receipt of orders placed before 12 pm. Only for LTL deliveries (less than truck-load).

The above lead times may be subject to change, according to stock availability.

The estimated delivery time will be specified at the point of ordering and in the Order Confirmation.
### COMBI FLASHINGS

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#### COMB UNIVERSAL FLASHING UCX

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#### COMBI SLATE FLASHINGS SCX

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#### COMBI FLASHING FOR SLOPED FIXED ROOF WINDOW XCI

| Price exc. VAT | | |
| 13 rafters | 13.00 | 14.00 | 15.00 |
| Price inc. VAT | | | |
| Quality | | | |
| Price exc. VAT | | | |
| Price inc. VAT | | | |

* For orders please refer to the code UCX (not SCX)
** UCX PBA 13 and UCX PBA 2 are available only in variant E.
### SAFETY LOCK SLK100
- Price exc. VAT: £62.00
- Price inc. VAT: £74.40

### ELECTRIC OPENER AMC100
- Price exc. VAT: £376.00
- Price inc. VAT: £451.20

### ROD ZAR108, 112
- Price exc. VAT: £42.50
- Price inc. VAT: £51.00

### UNDERFELT FOIL COLLAR RUC
- Price exc. VAT: £24.50, £25.50, £26.50, £26.50, £26.50, £26.50, £28.00, £30.00, £30.00, £30.00, £31.00, £32.00, £31.00, £33.00
- Price inc. VAT: £29.40, £30.60, £31.80, £31.80, £31.80, £31.80, £33.60, £36.00, £36.00, £36.00, £37.20, £37.20, £38.40, £37.20, £39.60

### INSULATION FOAM COLLAR IFC
- Price exc. VAT: £30.50, £30.50, £30.50, £30.50, £30.50, £30.50, £30.50, £30.50, £33.50, £33.50, £33.50, £33.50, £33.50, £33.50, £33.50
- Price inc. VAT: £36.60, £36.60, £36.60, £36.60, £36.60, £36.60, £36.60, £36.60, £40.20, £40.20, £40.20, £40.20, £40.20, £40.20, £40.20

### ROOFING VAPOUR BARRIER FOIL RVB
- Price exc. VAT: £21.00, £22.00, £-£, £23.00, £23.00, £24.00, £26.00, £27.00, £-£, £31.20, £32.40, £-£, £27.00, £28.80, £30.00
- Price inc. VAT: £25.20, £26.40, £-£, £27.60, £27.60, £28.80, £31.20, £32.40, £-£, £36.00, £37.20, £-£, £37.20, £39.60, £40.80

### ROOF WINDOW CLADDING ELEMENTS CLX
- Price exc. VAT: £28.00, £29.50, £30.50, £30.50, £32.00, £31.50, £33.00, £34.50, £36.00, £35.50, £37.00, £36.00, £37.50, £40.50, £40.50
- Price inc. VAT: £33.60, £35.40, £36.60, £36.60, £38.40, £37.80, £39.60, £41.40, £43.20, £42.60, £44.40, £43.20, £45.00, £48.60, £48.60

### BLACKOUT BLIND I. DUA
- Price exc. VAT: £58.00, £62.00, £-£, £65.50, £69.00, £67.50, £71.00, £76.50, £86.00, £80.50, £-£, £89.50, £101.00, £93.50, £103.00
- Price inc. VAT: £69.60, £74.40, £-£, £78.60, £82.80, £81.00, £85.20, £91.80, £103.20, £96.60, £107.40, £-£, £121.20, £112.20, £123.60

### BLACKOUT BLIND II. DUA
- Price exc. VAT: £69.00, £72.50, £-£, £76.00, £80.00, £78.00, £82.00, £87.50, £97.00, £91.00, £95.00*, £100.50, £111.50, £104.00, £113.50
- Price inc. VAT: £82.80, £87.00, £-£, £91.20, £96.00, £93.60, £98.40, £105.00, £116.40, £109.20, £114.00*, £120.60, £133.80, £124.80, £136.20

### VENETIAN BLIND PAA
- Price exc. VAT: £69.50, £74.00, £-£, £78.50, £83.00, £81.00, £85.00, £92.00, £103.00, £96.50, £-£, £107.50, £121.00, £112.00, £123.00
- Price inc. VAT: £83.40, £88.80, £-£, £94.20, £99.60, £97.20, £102.00, £110.40, £123.60, £115.80, £-£, £129.00, £145.20, £134.40, £147.60

### ROLLER SHUTTER SHR
- Price exc. VAT: £595.00, £600.00, £-£, £630.00, £630.00, £645.00, £670.00, £-£, £695.00, £-£, £-£, £-£, £-£, £-£, £-£, £-£
- Price inc. VAT: £714.00, £720.00, £-£, £756.00, £756.00, £774.00, £804.00, £-£, £834.00, £-£, £-£, £-£, £-£, £-£, £-£, £-£

### SUPPORT RAFTER UBR B00 200 270
- Price exc. VAT: £188.00, £237.00
- Price inc. VAT: £225.60, £284.40

### WHITE SUPPORT RAFTER UBR B10 200 270
- Price exc. VAT: £188.00, £237.00
- Price inc. VAT: £225.60, £284.40

---

**Prices are in £. Delivery mainland.**

- 1-2 working days delivery time (from manufacturer to merchant)
- 10 working days delivery time (from manufacturer to merchant)
- 15-20 working days delivery time (from manufacturer to merchant)

Delivery time is in working days from receipt of orders placed before 12 pm. Only for LTL deliveries (less than truck-load).

The above lead times may be subject to change, according to stock availability. The estimated delivery time will be specified at the point of ordering and in the Order Confirmation.
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**SAFETY LOCK SLK100**

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**PRICES**

- **SAFETY LOCK SLK100**
  - Price exc. VAT: 62.00
  - Price inc. VAT: 74.40

- **ELECTRIC OPENER AMC100**
  - Price exc. VAT: 376.00
  - Price inc. VAT: 451.20

- **ROD ZAR108, 112**
  - Price exc. VAT: 42.50
  - Price inc. VAT: 51.00

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**PRICES**

- **ELECTRIC OPENER AMC100**
  - Price exc. VAT: 376.00
  - Price inc. VAT: 451.20

**SUPPORT RAFTER UBR**

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**ROOFING MATERIAL FIXING KIT FAF**

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**PRICES**

- **WHEN ORDERING**
  - **A 10 WEEK DELIVERY TIME** (from manufacturer to merchant)
  - **A 15-20 WEEK DELIVERY TIME** (from manufacturer to merchant)

---

**NOTES**

- **DELIVERY TIMES**
  - **IN WORKING DAYS** from receipt of orders placed before 12 pm.
  - **ONLY FOR LTL DELIVERIES** (less than truck-load).

---

**PRICES**

- **DELIVERY TIME**
  - **1-2 WORKING DAYS DELIVERY TIME** (from manufacturer to merchant)

---

**PRICES**

- **DELIVERY TIME**
  - **10 WORKING DAYS DELIVERY TIME** (from manufacturer to merchant)
  - **15-20 WORKING DAYS DELIVERY TIME** (from manufacturer to merchant)

---

**PRICES**

- **DELIVERY TIME**
  - **15-20 WORKING DAYS DELIVERY TIME** (from manufacturer to merchant)

---

**PRICES**

- **DELIVERY TIME**
  - **15-20 WORKING DAYS DELIVERY TIME** (from manufacturer to merchant)

---

**PRICES**

- **DELIVERY TIME**
  - **15-20 WORKING DAYS DELIVERY TIME** (from manufacturer to merchant)

---

**PRICES**

- **DELIVERY TIME**
  - **15-20 WORKING DAYS DELIVERY TIME** (from manufacturer to merchant)
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