

# DAKEA



## ROOF WINDOW PRODUCT CATALOGUE

VALID FROM 1ST FEBRUARY 2023

**dakea**<sup>TM</sup>

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 windows for you and your customers. 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 meet the requirements of your customers needs. Become a Dakea roof window expert and customer advisor with our brochure today.



## OUR MISSION

**WE BELIEVE IN MAKING DAYLIGHT AND FRESH AIR AVAILABLE TO EVERYONE, SO THAT MORE FAMILIES CAN ENJOY WELL-BEING AND A HEALTHIER LIFE AT HOME.**

### **ALTATERRA** **Celebrating 20 years**

We have been manufacturing and selling high-quality roof windows and accessories across Europe since 2001. Altaterra was established 20 years ago as part of the privately-owned Danish group VKR Holding, with the purpose to make daylight and fresh air available to everyone. In 2012, Altaterra introduced DAKEA, a new roof window brand designed for smart professionals. Today, Altaterra is part of VELUX Group, a long-established roof window manufacturer, yet operates as an autonomous entity. We deliver products in more than 30 countries and employ ca. 130 people across Europe.

We're proud to deliver high-quality roof windows at affordable prices to thousands of professionals and end-users.



# DAKEA MAKES HIGH QUALITY ROOF WINDOWS MORE AFFORDABLE.

**WE PROVIDE LONG LASTING PRODUCTS BRINGING LIGHT AND FRESH AIR TO EVERY HOME. NOT ONLY WE DELIVER SUPERB QUALITY ROOF WINDOWS FOR HOMEOWNERS BUT LIKE ANY OTHER BRAND WE CARE FOR PROFESSIONALS WHO CHOOSE, SELL AND INSTALL THEM INTO BUILDINGS.**



## **INSTALLERS**

We offer an accessible range that meets your specifications at a good price. We are there for you before, during and after you buy and install Dakea, offering you our most responsive and personal customer support.



## **BUILDERS MERCHANTS**

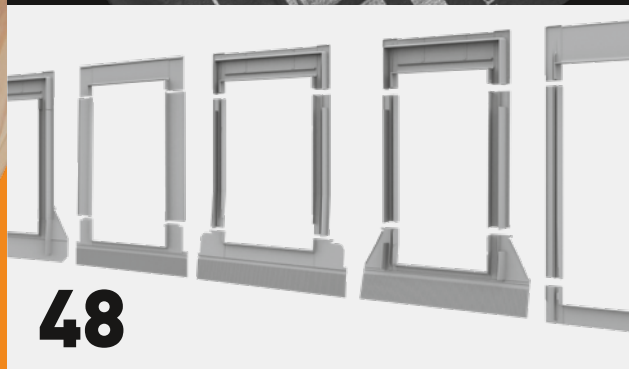
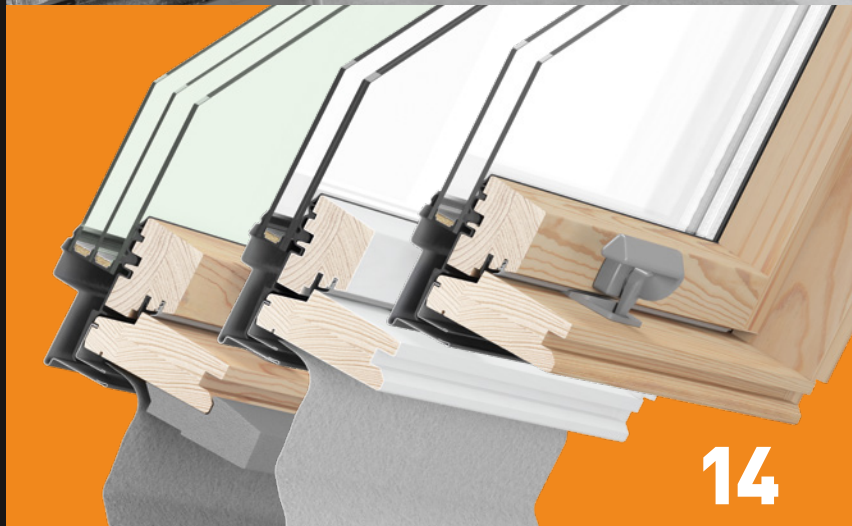
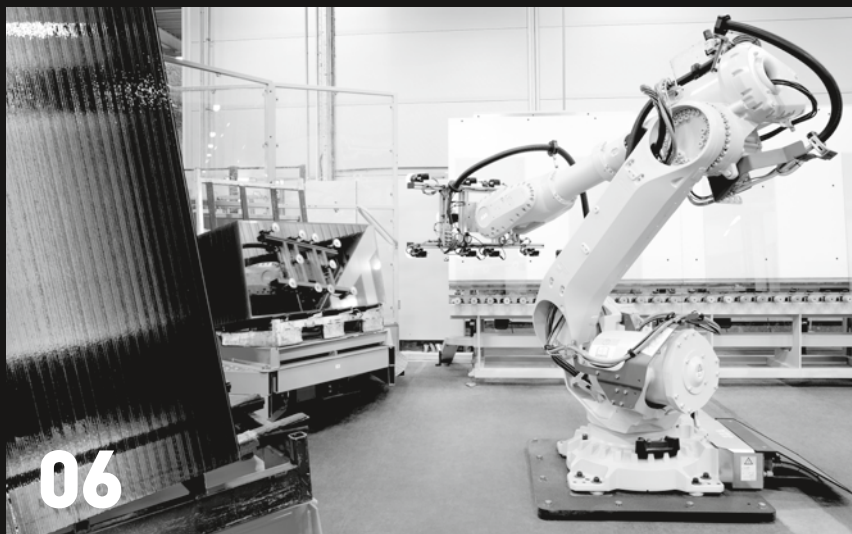
We provide quality, easy to install products delivered next day\*, at attractive margin. Dakea marketing tools and sales support fuels the growth of your roof window business.



## **INVESTORS**

Dakea understands investors and always delivers the best value for money. A roof window offer that meets industry-wide specifications, and allows bespoke developments, all with a 20-year guarantee.

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Scan QR code for your digital version.

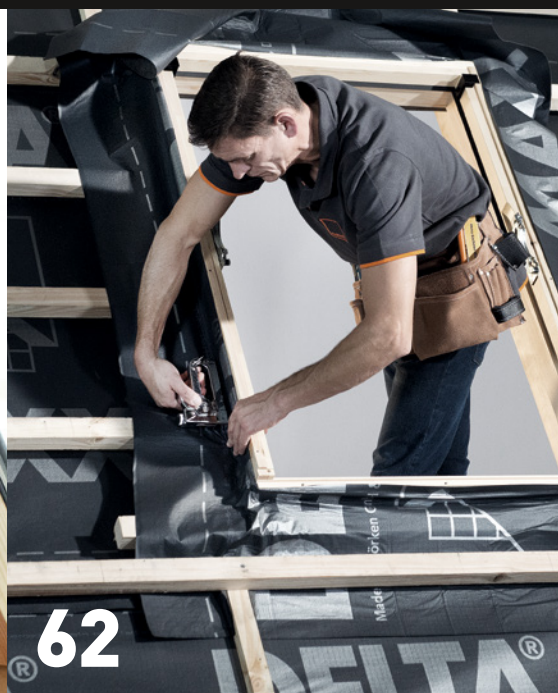




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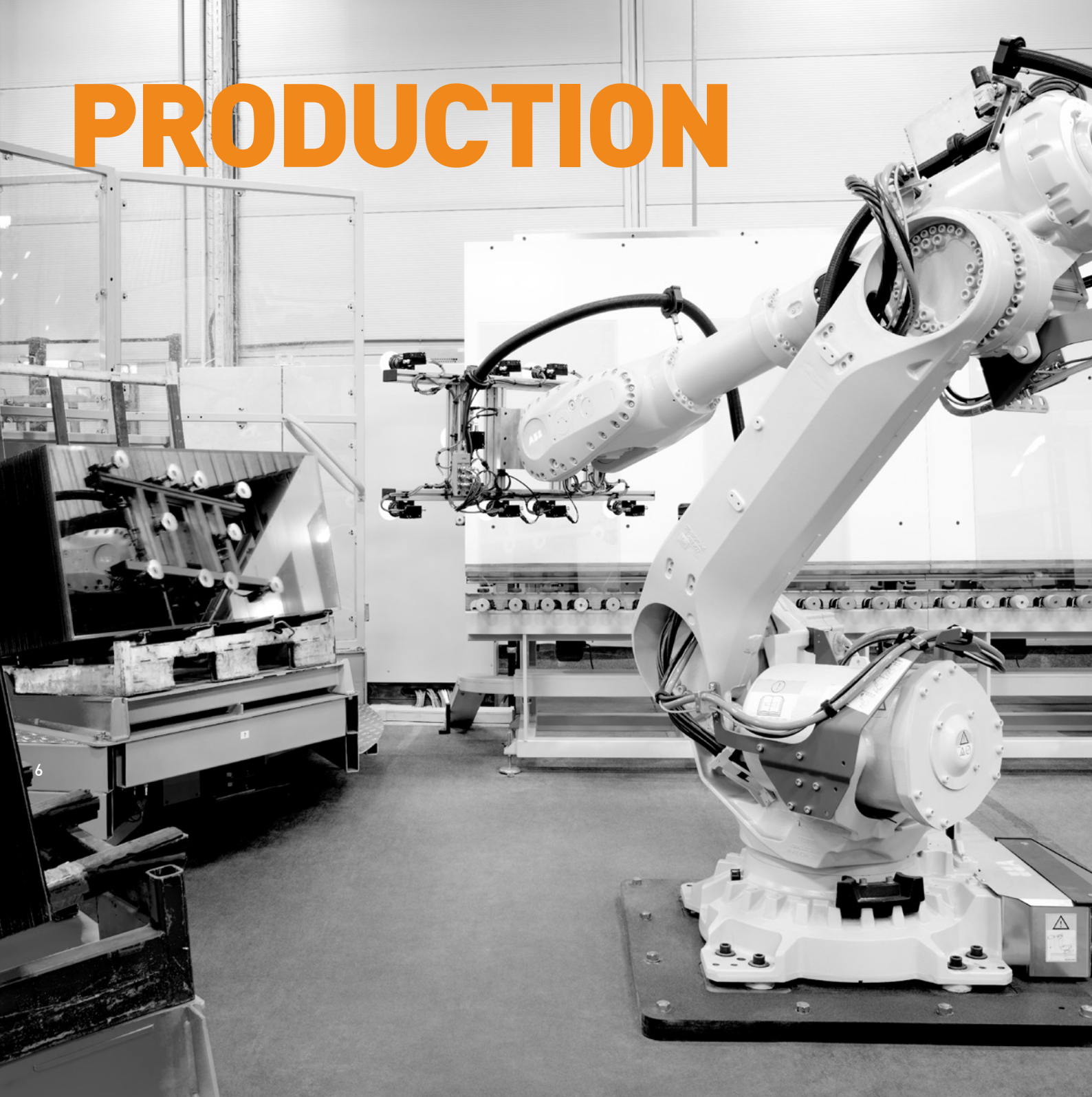
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GUARANTEE,  
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# PRODUCTION



**WITH MORE THAN 80 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.**

## **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.





## EASY CLEAN PVC

Thanks to our milling tools, which have a speed rotation of up to 18000 revolutions 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.



## QUALITY PANE

Toughened external glass, laminated glass with tear resistant foil layers, laminated glass with special, sound insulating foil layers, low emissivity (Low-e) coatings, easy-to-clean coating, sun protective coating. Variety of options with which the selection of Dakea glass panes has been specifically designed for safety, energy- efficiency and indoor comfort.



# 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.





## ◀ TESTED WITH 600 LITRES OF RAINWATER

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.



## TESTED WITH 100DB NOISE

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 up to 50% compared to a standard roof window.

## TESTED AGAINST 144 KM/H SPEED WINDS

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.

## TESTED WITH A 50 KG IMPACTOR

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.

**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.

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## FRESH AIR

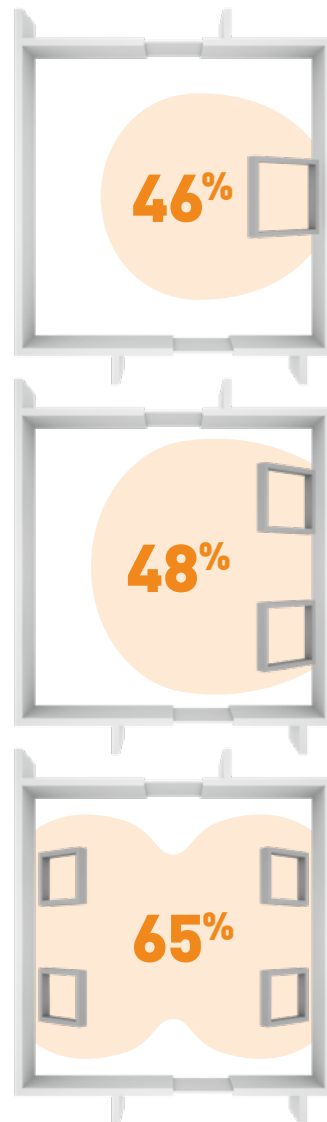
Air is the most essential element needed to sustain life. The overall health of your body and mind depends to a major degree on the amount of pure, fresh air breathed.

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. 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 surrounding views. Roof windows create a place where home owners can enjoy natural light and fresh air.



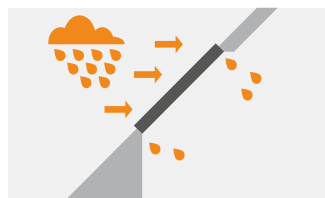
## HOW MANY ROOF WINDOWS DO I NEED? ›

As a general guide it is recommended that the glazed area of roof windows planned is no less than 20% of the total floor area.



# PARAMETERS THAT GUARANTEE SAFETY AND ENERGY EFFICIENCY

## WATER TIGHTNESS



**E2250**  
218 km/h

**5A**  
65 km/h

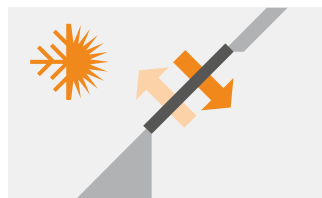
### Why is this important?

The roof windows are in a sloped roof. Compared to vertical windows, roof windows get hit by far more water because the roof channels the water on to the window surface. So it's incredibly important to have a very water tight window.

### What do the values mean?

The higher the value the better.

## THERMAL TRANSMITTANCE



**Uw**  
0.8

**Uw**  
1.6

### 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. With a good U-value window you can save money on your energy bills.

### What do the values mean?

The lower the value the better. 1,0 is better than 1,1.

## SOUND REDUCTION



**dB**  
45

**dB**  
25

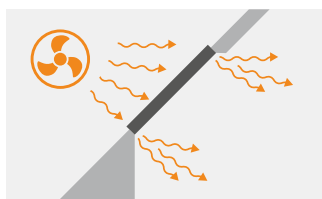
### Why is this important?

Noise levels can be very high, especially in cities. Based on the latest research, high noise intensity reduces our concentration. So it's important to have a good acoustic insulating window to keep noise levels comfortable within your living space.

### What do the values mean?

The value indicates by how much traffic noise is reduced. The higher the value, the better.

## AIR PERMEABILITY



**CLASS4**  
< 3 m³/h

**CLASS1**  
< 50 m³/h

### Why is this important?

Air permeability is becoming more important than just U<sub>w</sub> value itself. Even the most insulated windows can be a source of energy loss if they are not airtight. Having a Class 4 airtight window, 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.

## EXAMPLE

Calculate your roof window requirements here:

**Attic floor space:**

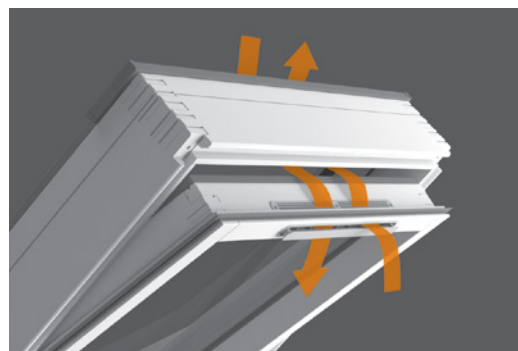
**XX m²**

**Recommendation\*  
(natural light):**

**XX m² x 20%**

**MAKE YOUR  
ROOF WINDOW  
SELECTION FROM  
DAKEA SIZES.**

WINDOW CODE	NOMINAL EXTERNAL FRAME SIZE cm	EFFECTIVE GLASS/ DAYLIGHT AREA m²
C2A	55x78	0.220
C4A	55x98	0.295
C6A	55x118	0.369
F4A	66x98	0.382
F6A	66x118	0.478
M4A	78x98	0.476
M6A	78x118	0.597
M8A	78x140	0.729
M10A	78x160	0.850
P4A	94x98	0.604
P6A	94x118	0.755
P8A	94x140	0.925
P10A	94x160	1.076
S6A	114x118	0.953
S8A	114x140	1.165
U4A	134x98	0.919
U8A	134x140	1.407



For your health, it is important to refresh at least half of the air inside your home every hour. Stagnant air makes people tired. Majority of the Dakea roof windows are equipped with one or two ventilation valves (depending on the size of the window) meaning constant access to fresh air.

\* Local building regulations may differ



# 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 ENERGY PVC

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

Read more on **PAGE 20**



### 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  $U_w$  value (from 0.99 W/m<sup>2</sup>K)
- Triple pane glazing unit

### RECOMMENDED USE:

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

### Recommended products:

## ULTIMA ENERGY, ULTIMA ENERGY PVC

**Tip:** For an alternative mid-range priced option view our Better Energy range - BETTER ENERGY, BETTER ENERGY PVC

Read more on **PAGE 22, 24**





## OPTIMAL SOLUTION



## YOUR REQUIREMENTS

## EASY MAINTENANCE

Steel reinforced with inserted insulation 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 and insulated PVC structure
- 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 28**



## YOUR REQUIREMENTS

## CONSERVATION COMPLIANCE

A centre pivot roof window with a classic, wooden internal finish and a vintage twist on the outside. Dakea Conservation 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 36**



## 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 interlayers 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 products:

## BETTER SAFE, BETTER SAFE PVC

**Tip:** Check upgraded product for superb comfort - ULTIMA

➔ Read more on **PAGE 26, 28**



## 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 allow ingress or egress access 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:

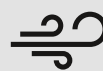
Rooms where Means of Escape is necessary or legally required  
A solution for roofs' with a shallow pitch.

## Recommended product:

## BETTER VIEW

➔ Read more on **PAGE 30**

## BASIC SOLUTION



## YOUR REQUIREMENTS

## LIGHT &amp; 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:

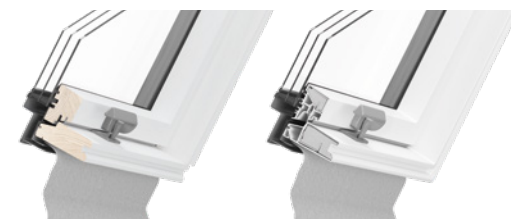
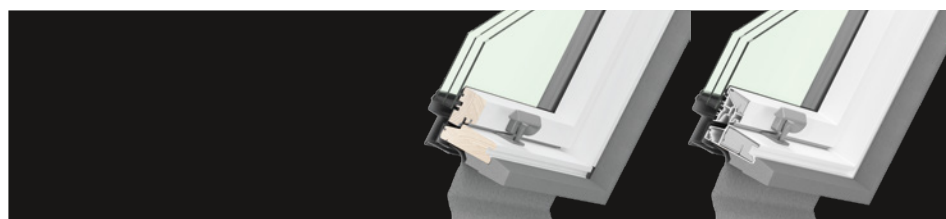
## GOOD

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

➔ Read more on **PAGE 32**

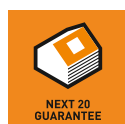


# SMART RANGE



PRODUCT NAME	ULTIMA ENERGY	ULTIMA ENERGY PVC	BETTER ENERGY	BETTER ENERGY PVC
Type	KEY B1800 / KEY B1810	KEP B1800	KAV B1500 / KAV B1510	KPV B1500
<b>PANE</b>				
Construction	33.2SS-10-3HS-10-6H	33.2SS-10-3HS-10-6H	4-12-3HS-12-3H	4-12-3HS-12-3H
Thickness of glazing (mm)	35	35	34	34
Laminated	+	+		
Extra sound reducing foil	+	+		
Low E (number of panes of coated glass)	+++	+++	++	++
Gas	Krypton	Krypton	Argon	Argon
Toughened external glass	+	+	+	+
Easy-to-Clean coating	+	+		
U <sub>g</sub> [ W/m²K ]	0.50	0.50	0.77	0.77
Total solar energy transmittance	0.27	0.27	0.55	0.55
<b>WINDOW</b>				
U <sub>w</sub> [ W/m²K ]	0.99	1.0	1.1	1.1
Water tightness	E1350	E1350 / E1500*	E1350	E1500
Air permeability	Class 4	Class 3 / Class 4*	Class 4	Class 3
Resistance to wind load	Class C4*	Class C3*	Class C4*	Class C3*
Reaction to fire	Class C-s1, d0	Class B-s2, d0	Class C-s1, d0	Class B-s2, d0
Sound reduction [dB]	38 [-2,-4] dB	38 [-1,-4] dB	33 [-1,-3] dB	33 [-1,-3] dB
Ventilation valve	+	+	+	+
Available colours	Natural wood, white	White	Natural wood, white	White
FREE RUC	+	+	+	+
FREE IFC	+	+		
Features				
Page	p.18	p.20	p.22	p.24

\* depends on size, please check technical documentation



## 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.



## MAX PROTECT

More than 80 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 included free of charge with certain window models) 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.



									
<b>BETTER SAFE</b>		<b>BETTER SAFE PVC</b>		<b>BETTER VIEW</b>		<b>GOOD</b>		<b>GOOD PVC</b>	
<b>KAV B1000 / KAV B1010</b>		<b>KPV B1000</b>		<b>KHV B1000 / KHV B1010</b>		<b>KAV B900 / KAV B910</b>		<b>KPV B900</b>	
33.2-14-4H		33.2-14-4H		33.2-14-4H		4-16-4H		4-16-4H	
24		24		24		24		24	
+		+		+					
++		++		++		++		++	
Argon		Argon		Argon		Argon		Argon	
+		+		+		+		+	
1.00		1.00		1.00		1.00		1.00	
0.52		0.52		0.52		0.55		0.55	
1.3		1.3		1.3		1.3		1.3	
E1350		E1500		E1500		E1350		E1500	
Class 4		Class 4		Class 4		Class 4		Class 4	
Class C4*		Class C4*		Class C4		Class C4*		Class C4*	
Class C-s1, d0		Class B-s2, d0		Class C-s1, d0		Class C-s1, d0		Class B-s2, d0	
34 [-1,-4] dB		34 [-1,-4] dB		34 [-1,-4] dB		32 [-1,-5] dB		32 [-1,-5] dB	
+		+		+		+		+	
Natural wood, white		White		Natural wood, white		Natural wood, white		White	
+		+							
									
p.26		p.28		p.30		p.32		p.34	



#### 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.



#### ESCAPE

High pivot roof window that meets the legal requirements of means of escape, from 78x98 cm size.



#### 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.



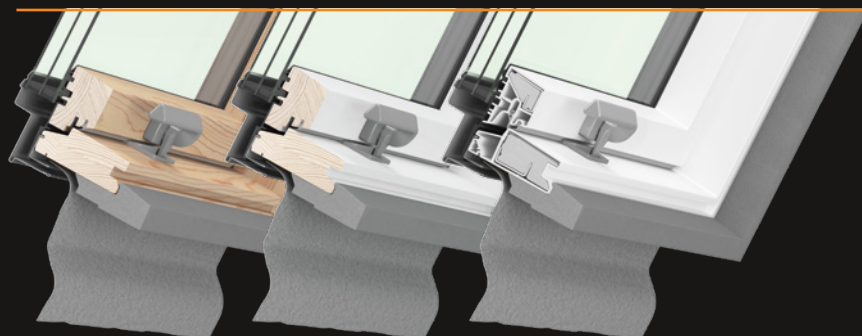
#### NOISE BLOCK

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.

# ULTIMA ENERGY SIMPLY BETTER

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## ULTIMA ENERGY



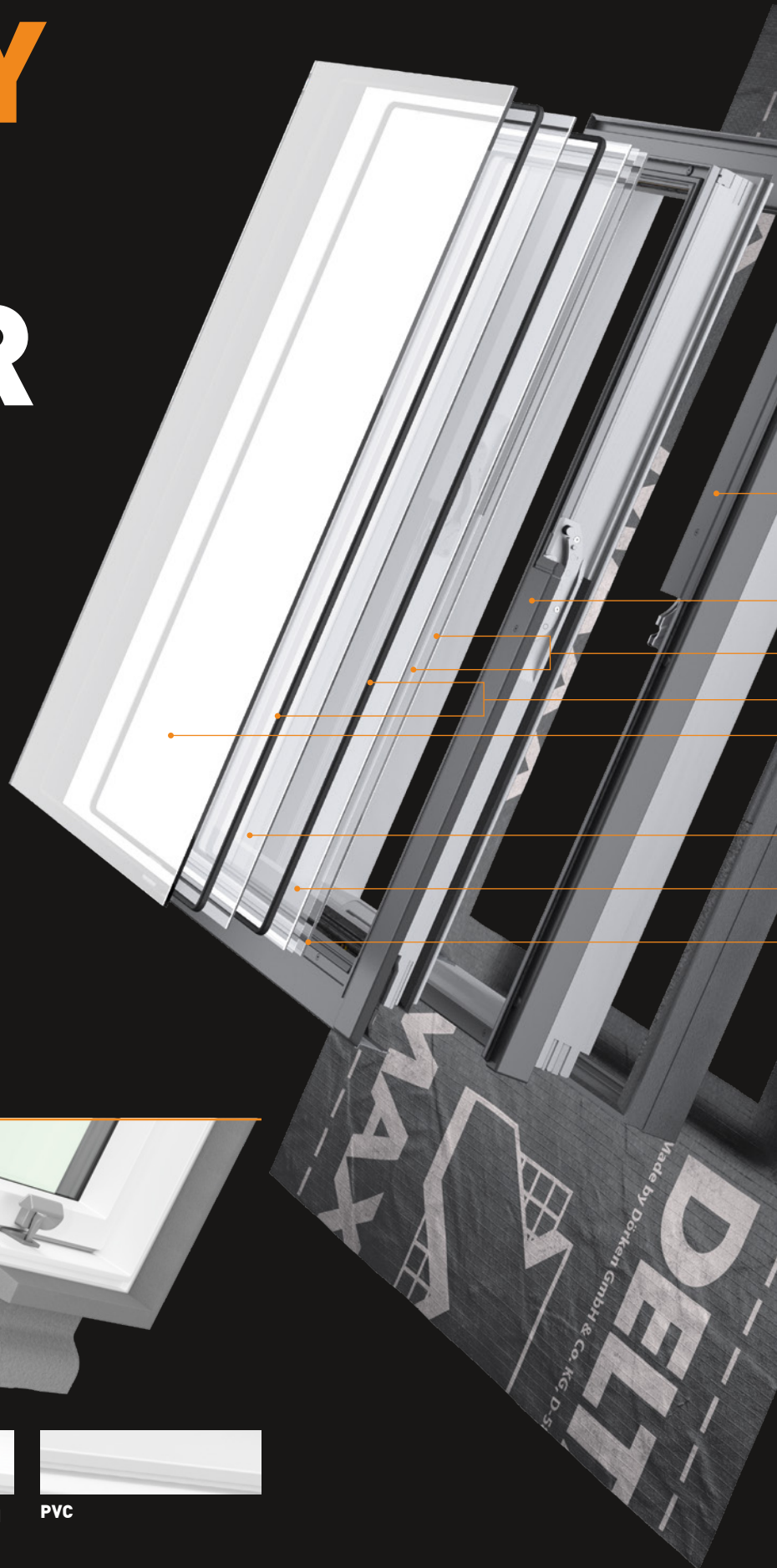
CLASSIC WOODEN FINISH



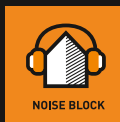
WHITE PAINTED WOODEN  
FINISH



PVC







## NOISE REDUCTION

### 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:

- 6mm thick external pane,
- Laminated inner pane 2 x 3mm
- Two layers of noise reducing and tear resistant foil
- Advanced cladding system with sound absorbing foil.
- Noise reduction: 38 dB.



## COMFORT

### COMFORT GLASS

The glass and coatings used in Ultima Energy 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.
- Easier maintenance of the glass from the outside - application of titanium dioxide coating on the external glass surface ensures a self-cleaning effect and leaves your window looking much cleaner. Exclusive titanium dioxide coating which helps clean the outer pane with rainwater.



## EFFECTIVE INSTALLATION

### QUICK INSTALL

To ensure fast, efficient and easy installation our roof window is equipped free of charge with the Dakea Quick Install collar (RUC). The Dakea Quick Install collar (RUC) is made from a 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. Its squared surface pattern will help you to cut straight if necessary, making the installation even easier.



## ENERGY EFFICIENCY

### ENERGY +

The structure of the two-chamber triple pane roof window is a perfect combination of various types of glazing, low-emission coatings and two chambers filled with Krypton gas. Such a structure provides better insulation, which allows heat to be kept in the heated room and therefore ensures lower energy bills. As a result, triple-glazed windows with an improved U-value of the entire window provide improved energy efficiency.

- Excellent  $U_w$  parameters of both wooden and PVC version - 0.99 W/m<sup>2</sup>K and 1.0 W/m<sup>2</sup>K.
- Krypton filled pane construction which conducts heat by 46% less than the most frequently used alternative Argon.
- Two different layers of heat reflecting and sun protective coatings on each pane

• FREE Underfelt foil collar (RUC)

• FREE Insulation foam collar (IFC)

• Advanced cladding system with sound absorbing foil

• Two layers of noise reducing and tear resistant foil

• Krypton gas filled cavity

• Titan Glass self-cleaning coating

• 6 mm toughened safety glass

• Heat reflecting and sun protective coating

• Heat reflecting coating

• 3 mm heat-strengthened glass

• Heat reflecting coating

• 3 mm float glass

• 3 mm float glass



## DURABILITY

### SAFE GUARD

To improve safety and durability of a roof window we use an advanced safe guard package that provides higher protection. We ensure no glass falls into the room due to either internal or external impact. Safe guard package protects from external heavy conditions such as falling branches. We're so confident of the protection that gives you, that we offer you a lifetime guarantee against hail damage of the pane.

- 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 - due to laminated internal glass which won't fall into the room in case of impact from the inside.
- Advanced gasket system

# ULTIMA ENERGY



KEV B1800/B1810

$U_w 0.99 \text{ W/m}^2\text{K}$



INSTALLED IN A PITCH OF  
BETWEEN 15 AND 90 DEGREES



18

- CENTRE PIVOT
- TRIPLE PANE CONSTRUCTION
- AVAILABLE IN NATURAL OR WHITE PAINTED PINE
- IMPROVED TRAFFIC AND RAIN NOISE REDUCTION
- WELDED GASKET SYSTEM
- 6 MM TOUGHENED EXTERNAL PANE WITH EASY-TO-CLEAN COATING
- LAMINATED INTERNAL PANE
- TOUGHENED EXTERNAL GLASS WITH A LIFETIME GUARANTEE AGAINST HAIL DAMAGE
- HIGH PERFORMANCE INSULATION,  $U_w = 0.99 \text{ W/m}^2\text{K}$
- UV PROTECTION AGAINST COLOUR FADING
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE
- **FREE UNDERFELT FOIL COLLAR (RUC) AND INSULATION FOAM COLLAR (IFC)**



**ENERGY  
EFFICIENCY**



**IMPROVED  
COMFORT**

**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.



NEXT 20  
GUARANTEE



MASTER WOOD



MAX PROTECT



QUICK INSTALL



SAFE GUARD



COMFORT GLASS



NOISE BLOCK



ENERGY +





ULTIMA ENERGY KEV B1800



ULTIMA ENERGY WHITE KEV B1810

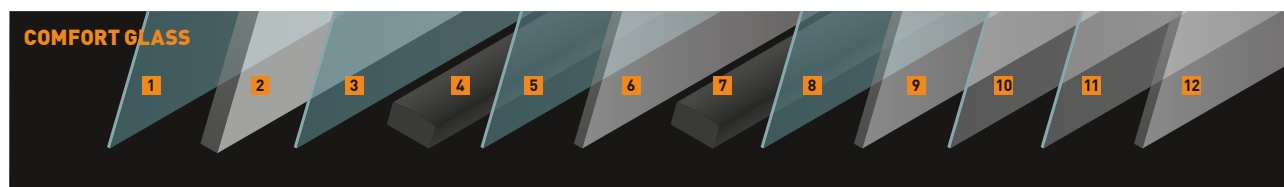


## TECHNICAL PARAMETERS

PANE		WINDOW	
Variant	18	U <sub>w</sub> [W/m <sup>2</sup> K]	0.99
Construction	33.2SS-10-3HS-10-6H	Water tightness	E1350
Thickness of glazing (mm)	35	Air permeability	Class 4
Low E	✓✓✓	Resistance to wind load	Class C4*
Gas	Krypton	Sound reduction [dB]	38 [-2,-4]
Toughened	✓		
Laminated	✓		
U <sub>g</sub> (W/m <sup>2</sup> K)	0.5		
Total solar energy transmittance	0.27		

\* sizes M8A, M10A: npd

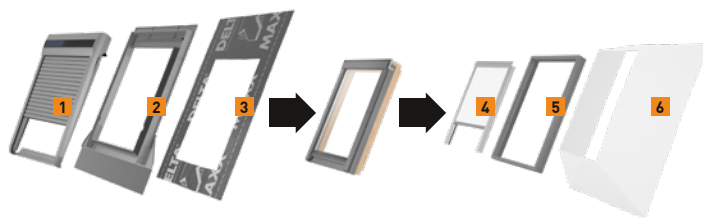
## PANE CONSTRUCTION



**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

1. Solar roller shutter (SSR) - p. 59
  2. Flashing - p. 48
  3. Underfelt foil collar (RUC) **FREE** - p. 54
  4. Blind - p. 56
  5. Insulation foam collar (IFC) **FREE** - p. 55
  6. Roofing vapour barrier foil (RVB) - p. 54
- Other comfort accessories - p. 61



Please remember, to extend your Dakea roof window guarantee up to 20 years you need to use original Dakea installation flashing.

## AVAILABLE SIZES

Size   cm	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P4A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
	55×78	55×98	55×118	66×98	66×118	78×98	78×118	78×140	78×160	94×98	94×118	94×140	94×160	114×118	114×140	134×98	134×140
<b>ULTIMA ENERGY KEV B1800</b>	✓	✓	-	-	✓	✓	✓	✓	✓	-	✓	✓	-	✓	-	-	-
<b>ULTIMA ENERGY WHITE KEV B1810</b>	✓	✓	-	-	✓	✓	✓	✓	✓	-	✓	✓	-	✓	-	-	-



# ULTIMA ENERGY PVC



KEP B1800

$U_w 1.0 \text{ W/m}^2\text{K}$



INSTALLED IN A PITCH OF  
BETWEEN 15 AND 90 DEGREES



20

- CENTRE PIVOT
- TRIPLE PANE CONSTRUCTION
- STEEL REINFORCED, INSULATED PVC PROFILE
- TRAFFIC AND RAIN NOISE REDUCTION
- WELDED GASKET SYSTEM
- 6 mm TOUGHENED EXTERNAL PANE WITH EASY-TO-CLEAN COATING
- LAMINATED INTERNAL PANE
- TOUGHENED EXTERNAL GLASS WITH A LIFETIME GUARANTEE AGAINST HAIL DAMAGE
- HIGH PERFORMANCE INSULATION,  $U_w = 1.0 \text{ W/m}^2\text{K}$
- UV PROTECTION AGAINST COLOUR FADING
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE
- **FREE UNDERFELT FOIL COLLAR (RUC) AND INSULATION FOAM COLLAR (IFC)**



**ENERGY  
EFFICIENCY**



**IMPROVED  
COMFORT**

**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.

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.



NEXT 20  
GUARANTEE



EASY CLEAN  
PVC



MAX PROTECT



QUICK INSTALL



SAFE GUARD



COMFORT GLASS



NOISE BLOCK



ENERGY+







ULTIMA ENERGY PVC KEP B1800

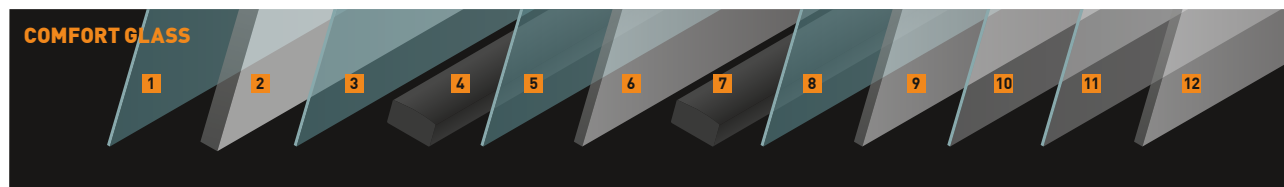


## TECHNICAL PARAMETERS

PANE		WINDOW	
Variant	18	U <sub>w</sub> [W/m <sup>2</sup> K]	1.0
Construction	33.2SS-10-3HS-10-6H	Water tightness	E1500*
Thickness of glazing (mm)	35	Air permeability	Class 4**
Low E	✓✓✓	Resistance to wind load	Class C3***
Gas	Krypton	Sound reduction [dB]	38 [-1,-4]
Toughened	✓		
Laminated	✓		
U <sub>g</sub> (W/m <sup>2</sup> K)	0.5		
Total solar energy transmittance	0.27		

\* size M10A: E1350 \*\* size M10A: Class 3 \*\*\* sizes M8A, M10A: npd

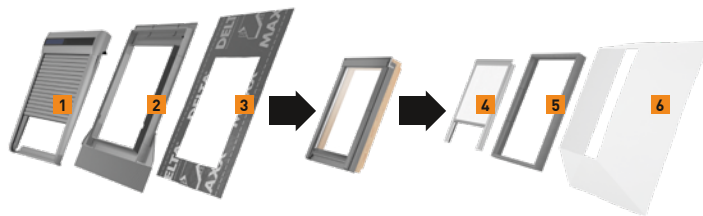
## PANE CONSTRUCTION



**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

1. Solar roller shutter (SSR) - p. 59
  2. Flashing - p. 48
  3. Underfelt foil collar (RUC) **FREE** - p. 54
  4. Blind - p. 56
  5. Insulation foam collar (IFC) **FREE** - p. 55
  6. Roofing vapour barrier foil (RVB) - p. 54
- Other comfort accessories - p. 61



Please remember, to extend your Dakea roof window guarantee up to 20 years you need to use original Dakea installation flashing.

## AVAILABLE SIZES

Size   cm	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P4A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
	55×78	55×98	55×118	66×98	66×118	78×98	78×118	78×140	78×160	94×98	94×118	94×140	94×160	114×118	114×140	134×98	134×140
<b>ULTIMA ENERGY PVC KEP B1800</b>																	
	✓	✓	-	-	✓	✓	✓	✓	✓	-	✓	✓	-	✓	-	-	-

# BETTER ENERGY



KAV B1500/B1510

$U_w$  1.1 W/m<sup>2</sup>K



INSTALLED IN A PITCH OF  
BETWEEN 15 AND 90 DEGREES

- CENTRE PIVOT CLASSIC ROOF WINDOW
- TRIPLE PANE CONSTRUCTION
- AVAILABLE IN NATURAL OR WHITE PAINTED PINE
- TOUGHENED EXTERNAL GLASS WITH A LIFETIME GUARANTEE AGAINST HAIL DAMAGE
- HIGH PERFORMANCE INSULATION  $U_w = 1.1$  W/m<sup>2</sup>K
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE (10+10 YEARS) - p. 64
- **FREE UNDERFELT FOIL COLLAR (RUC)**

22



**ENERGY  
EFFICIENCY**

**RECOMMENDED USE:** Rooms where improved insulation is required such as bedrooms and living rooms etc.



NEXT 20  
GUARANTEE



MASTER WOOD



MAX PROTECT



QUICK INSTALL



THERMOSTAT



ENERGY +



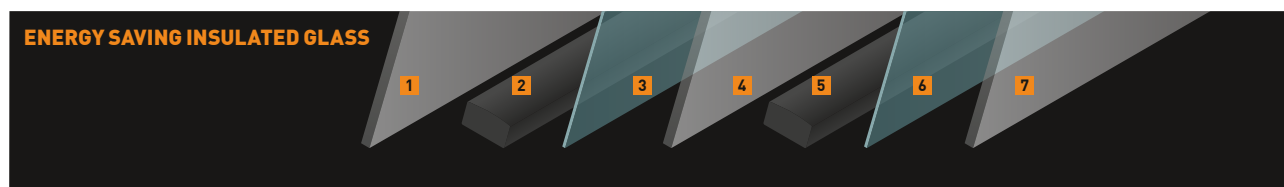
**BETTER ENERGY KAV B1500****BETTER ENERGY WHITE KAV B1510**

## TECHNICAL PARAMETERS

PANE		WINDOW	
Variant	15	U <sub>w</sub> (W/m²K)	1.1
Construction	4-12-3HS-12-3H	Water tightness	E1350
Thickness of glazing (mm)	34	Air permeability	Class 4
Low E	✓✓	Resistance to wind load	Class C4*
Gas	Argon	Sound reduction (dB)	33 [-1,-3]
Toughened	✓		
Laminated			
U <sub>g</sub> (W/m²K)	0.77		
Total solar energy transmittance	0.55		

\* sizes M8A, M10A, P8A, S8A, U4A, U8A: npd

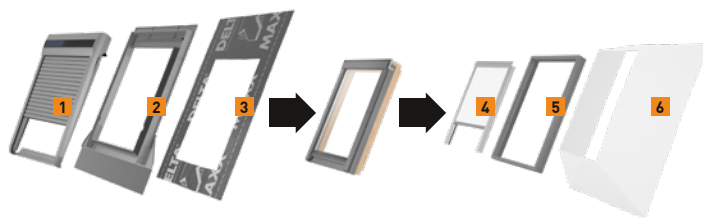
## PANE CONSTRUCTION



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

1. Solar roller shutter (SSR) - p. 59
  2. Flashing - p. 48
  3. Underfelt foil collar (RUC) **FREE** - p. 54
  4. Blind - p. 56
  5. Insulation foam collar (IFC) - p. 55
  6. Roofing vapour barrier foil (RVB) - p. 54
- Other comfort accessories - p. 61



Please remember, to extend your Dakea roof window guarantee up to 20 years you need to use original Dakea installation flashing.

## AVAILABLE SIZES

Size   cm	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P4A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
	55×78	55×98	55×118	66×98	66×118	78×98	78×118	78×140	78×160	94×98	94×118	94×140	94×160	114×118	114×140	134×98	134×140
<b>BETTER ENERGY KAV B1500</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	✓
<b>BETTER ENERGY WHITE KAV B1510</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	✓



# BETTER ENERGY PVC



KPV B1500

$U_w 1.1 \text{ W/m}^2\text{K}$



INSTALLED IN A PITCH OF  
BETWEEN 15 AND 90 DEGREES

24

- CENTRE PIVOT PVC ROOF WINDOW
- TRIPLE PANE CONSTRUCTION
- TOUGHENED EXTERNAL GLASS WITH A LIFETIME GUARANTEE AGAINST HAIL DAMAGE
- HIGH PERFORMANCE INSULATION,  $U_w = 1.1 \text{ W/m}^2\text{K}$
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE (10+10 YEARS) - p. 64
- **FREE UNDERFELT FOIL COLLAR (RUC)**



**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.



NEXT 20  
GUARANTEE



EASY CLEAN  
PVC



MAX PROTECT



QUICK INSTALL



THERMOSTAT



ENERGY +





BETTER ENERGY PVC KPV B1500

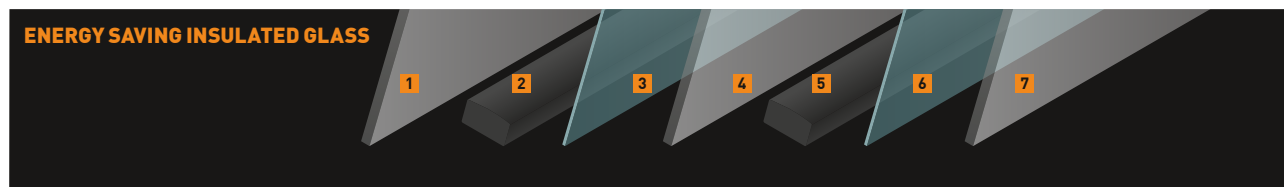


## TECHNICAL PARAMETERS

PANE		WINDOW	
Variant	15	U <sub>w</sub> (W/m²K)	1.1
Construction	4-12-3HS-12-3H	Water tightness	E1500
Thickness of glazing (mm)	34	Air permeability	Class 3
Low E	✓✓	Resistance to wind load	Class C3*
Gas	Argon	Sound reduction (dB)	33 (-1,-3)
Toughened	✓		
Laminated			
U <sub>g</sub> (W/m²K)	0.77		
Total solar energy transmittance	0.55		

\* sizes M8A, M10A, P8A, U4A: npd

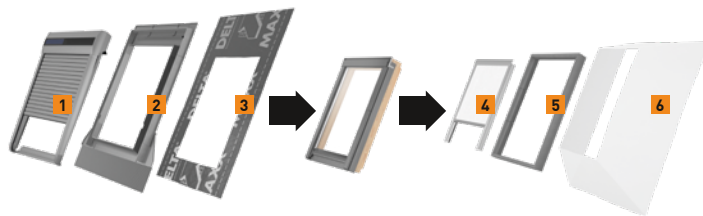
## PANE CONSTRUCTION



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

## ASSOCIATED PRODUCTS

1. Solar roller shutter (SSR) - p. 59
  2. Flashing - p. 48
  3. Underfelt foil collar (RUC) **FREE** - p. 54
  4. Blind - p. 56
  5. Insulation foam collar (IFC) - p. 55
  6. Roofing vapour barrier foil (RVB) - p. 54
- Other comfort accessories - p. 61



Please remember, to extend your Dakea roof window guarantee up to 20 years you need to use original Dakea installation flashing.

## AVAILABLE SIZES

Size   cm	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P4A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x98	94x118	94x140	94x160	114x118	114x140	134x98	134x140
<b>BETTER ENERGY PVC KPV B1500</b>																	
	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	-	✓	-	✓	-

# BETTER SAFE



KAV B1000/B1010

$U_w$  1.3 W/m<sup>2</sup>K



INSTALLED IN A PITCH OF  
BETWEEN 15 AND 90 DEGREES

- CENTRE PIVOT CLASSIC ROOF WINDOW
- AVAILABLE IN NATURAL OR WHITE PAINTED PINE
- TOUGHENED EXTERNAL GLASS WITH A LIFETIME GUARANTEE AGAINST HAIL DAMAGE
- LAMINATED INTERNAL PANE
- HIGH PERFORMANCE INSULATION,  $U_w = 1,3 \text{ W/m}^2\text{K}$
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE (10+10 YEARS) - p. 64
- **FREE UNDERFELT FOIL COLLAR (RUC)**

26



## SAFETY

**RECOMMENDED USE:** Rooms where improved insulation is required such as bedrooms and living rooms etc.



NEXT 20  
GUARANTEE



MASTER WOOD



MAX PROTECT



QUICK INSTALL



THERMOSTAT



SAFE GUARD







**BETTER SAFE KAV B1000**



**BETTER SAFE WHITE KAV B1010**

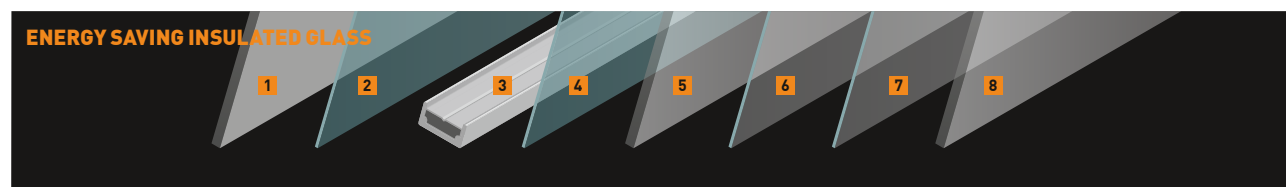


## TECHNICAL PARAMETERS

PANE		WINDOW	
Variant	10	U <sub>w</sub> (W/m²K)	1.3
Construction	33.2-14-4H	Water tightness	E1350
Thickness of glazing (mm)	24	Air permeability	Class 4
Low E	✓✓	Resistance to wind load	Class C4*
Gas	Argon	Sound reduction (dB)	34 [-1,-4]
Toughened	✓		
Laminated	✓		
U <sub>g</sub> (W/m²K)	1.0		
Total solar energy transmittance	0.52		

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

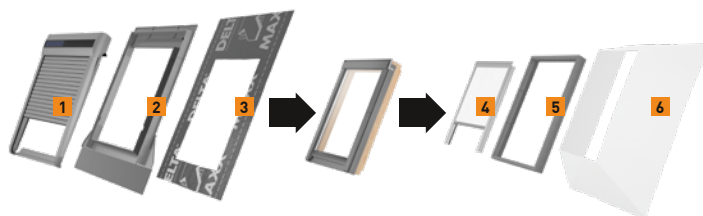
## PANE CONSTRUCTION



**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

1. Solar roller shutter (SSR) - p. 59
  2. Flashing - p. 48
  3. Underfelt foil collar (RUC) **FREE** - p. 54
  4. Blind - p. 56
  5. Insulation foam collar (IFC) - p. 55
  6. Roofing vapour barrier foil (RVB) - p. 54
- Other comfort accessories - p. 61



Please remember, to extend your Dakea roof window guarantee up to 20 years you need to use original Dakea installation flashing.

## AVAILABLE SIZES

Size   cm	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P4A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x98	94x118	94x140	94x160	114x118	114x140	134x98	134x140
<b>BETTER SAFE KAV B1000</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	-	✓	✓	✓	✓
<b>BETTER SAFE WHITE KAV B1010</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	-	✓	✓	✓	✓

# BETTER SAFE PVC



KPV B1000

$U_w 1.3 \text{ W/m}^2\text{K}$



INSTALLED IN A PITCH OF  
BETWEEN 15 AND 90 DEGREES



- CENTRE PIVOT PVC ROOF WINDOW
- TOUGHENED EXTERNAL GLASS WITH A LIFETIME GUARANTEE AGAINST HAIL DAMAGE
- LAMINATED INTERNAL PANE
- HIGH PERFORMANCE INSULATION,  $U_w = 1,3 \text{ W/m}^2\text{K}$
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE (10+10 YEARS) - p. 64
- 20 YEAR GUARANTEE (10+10 YEARS) - p. 64
- **FREE UNDERFELT FOIL COLLAR (RUC)**



## EASY MAINTENANCE

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



NEXT 20  
GUARANTEE



EASY CLEAN  
PVC



MAX PROTECT



QUICK INSTALL



THERMOSTAT



SAFE GUARD





BETTER SAFE PVC KPV B1000

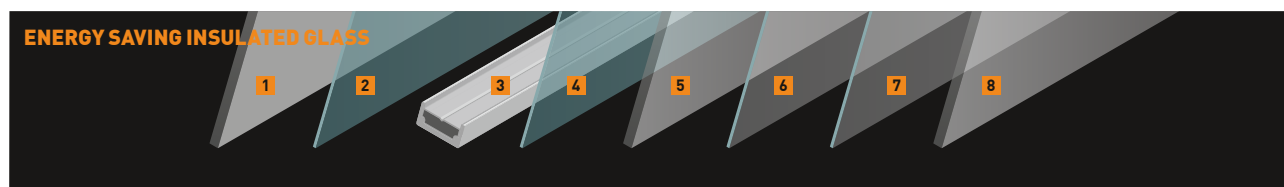


## TECHNICAL PARAMETERS

PANE		WINDOW	
Variant	10	U <sub>w</sub> (W/m²K)	1.3
Construction	33.2-14-4H	Water tightness	E1500
Thickness of glazing (mm)	24	Air permeability	Class 4
Low E	✓✓	Resistance to wind load	Class C4*
Gas	Argon	Sound reduction (dB)	34 [-1,-4]
Toughened	✓		
Laminated	✓		
U <sub>g</sub> (W/m²K)	1.0		
Total solar energy transmittance	0.52		

\* sizes M10A, U4A: npd

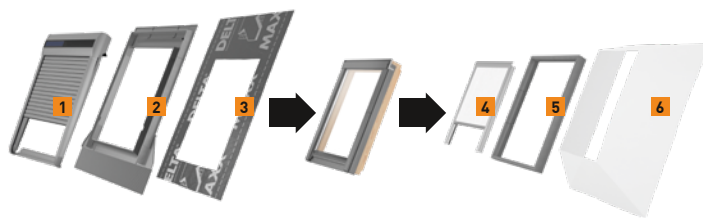
## PANE CONSTRUCTION



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

1. Solar roller shutter (SSR) - p. 59
  2. Flashing - p. 48
  3. Underfelt foil collar (RUC) **FREE** - p. 54
  4. Blind - p. 56
  5. Insulation foam collar (IFC) - p. 55
  6. Roofing vapour barrier foil (RVB) - p. 54
- Other comfort accessories - p. 61



Please remember, to extend your Dakea roof window guarantee up to 20 years you need to use original Dakea installation flashing.

## AVAILABLE SIZES

Size   cm	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P4A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
	55×78	55×98	55×118	66×98	66×118	78×98	78×118	78×140	78×160	94×98	94×118	94×140	94×160	114×118	114×140	134×98	134×140
<b>BETTER SAFE PVC KPV B1000</b>																	
	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	-	-	✓	-	✓	-



# BETTER VIEW



**KHV B1000/B1010**

**$U_w$  1.3 W/m<sup>2</sup>K**



**INSTALLED IN A PITCH OF  
BETWEEN 15 AND 55 DEGREES**



- HIGH PIVOT ROOF WINDOW
- MEANS OF ESCAPE FROM 78X98 CM
- GASS STRUT OPENS THE SASH AND KEEPS IT IN FULLY OPENED POSITION
- AVAILABLE IN NATURAL OR WHITE PAINTED PINE
- TOUGHENED EXTERNAL GLASS WITH A LIFETIME GUARANTEE AGAINST HAIL DAMAGE
- LAMINATED INTERNAL PANE
- HIGH PERFORMANCE INSULATION,  $U_w = 1,3 \text{ W/m}^2\text{K}$
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE (10+10 YEARS) - p. 64



## MEANS OF ESCAPE

**RECOMMENDED USE:** Rooms where emergency access to the roof is necessary or legally required. Rooms with a scenic view, where the roof window is often open in order to access the view and / or fresh air, creative spaces such as offices etc. A solution for roofs' with a shallow pitch.



**NEXT 20  
GUARANTEE**



**MASTER WOOD**



**MAX PROTECT**



**THERMOSTAT**



**SAFE GUARD**



**ESCAPE**



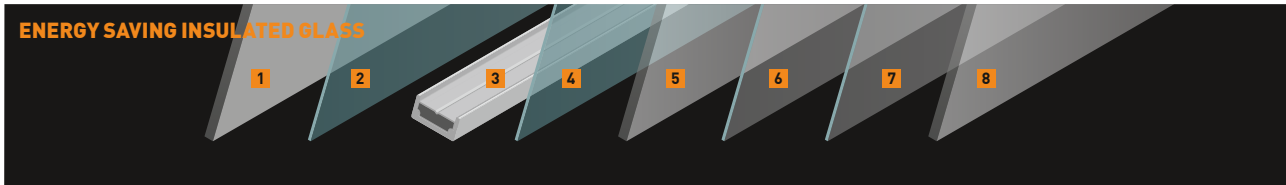
**BETTER VIEW KHV B1000****BETTER VIEW WHITE KHV B1010**

## TECHNICAL PARAMETERS

PANE		WINDOW	
Variant	10	U <sub>w</sub> [W/m <sup>2</sup> K]	1.3
Construction	33.2-14-4H	Water tightness	E1500
Thickness of glazing (mm)	24	Air permeability	Class 4
Low E	✓✓	Resistance to wind load	Class C4*
Gas	Argon	Sound reduction (dB)	34 [-1,-4]
Toughened	✓		
Laminated	✓		
U <sub>g</sub> (W/m <sup>2</sup> K)	1.0		
Total solar energy transmittance	0.52		

\* size M10A: npd

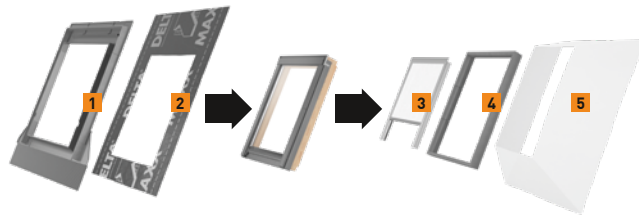
## PANE CONSTRUCTION



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

1. Solar roller shutter (SSR) - p. 59
  2. Flashing - p. 48
  3. Underfelt foil collar (RUC) - p. 54
  4. Blind - p. 56
  5. Insulation foam collar (IFC) - p. 55
  6. Roofing vapour barrier foil (RVB) - p. 54
- Other comfort accessories - p. 61



**!**  
NOT COMPATIBLE  
WITH THE NEW  
SOLAR ROLLER  
SHUTTER (SSR)

Please remember, to extend your Dakea roof window guarantee up to 20 years you need to use original Dakea installation flashing.

## AVAILABLE SIZES

Size   cm	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P4A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
	55×78	55×98	55×118	66×98	66×118	78×98	78×118	78×140	78×160	94×98	94×118	94×140	94×160	114×118	114×140	134×98	134×140
<b>BETTER VIEW KHV B1000</b>	-	✓	-	-	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-
<b>BETTER VIEW WHITE KHV B1010</b>	-	✓	-	-	✓	✓	✓	✓	✓	-	-	-	-	-	-	-	-

# GOOD



**KAV B900/B910**

**$U_w$  1.3 W/m<sup>2</sup>K**



Угол установки от 15 до 90  
градусов

- Классическое мансардное окно с центральной осью поворота
- Однокамерный стеклопакет
- Доступен в белом (B910) и натуральном цвете дерева (B900)
- Закаленное наружное стекло с пожизненной гарантией от повреждения градом
- Вентиляционный клапан и два положения ручки для вентиляции.
- Гарантия 10 лет

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СВЕТ И СВЕЖИЙ  
ВОЗДУХ



NEXT 20  
GUARANTEE



MASTER WOOD



MAX PROTECT



THERMOSTAT







GOOD KAV B900



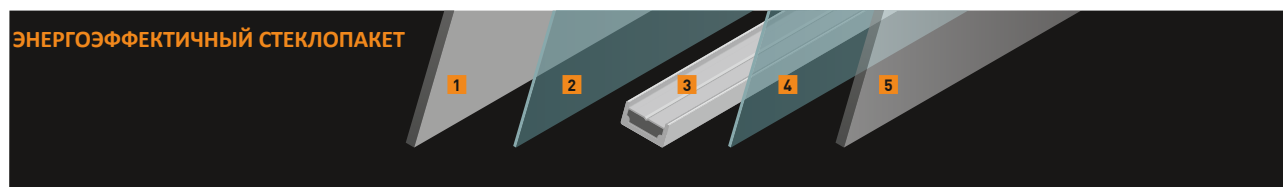
GOOD WHITE KAV B910



## ТЕХНИЧЕСКИЕ ПАРАМЕТРЫ

СТЕКЛОПАКЕТ		ОКНО	
Серия	9	$U_w$ (W/m <sup>2</sup> K)	1.3
Формула	4-16-4H	Водонепроницаемость	E1350
Общая толщина стеклопакета	24	Герметичность	Class 4
Низкоэмиссионное покрытие	✓✓	Сопротивление ветровым нагрузкам	Class C4*
Газ	Аргон	Звукоизоляция ДБ	32 [-1,-5]
Закаленное внешнее стекло	✓		
Теплопроводность $U_g$ (W/m <sup>2</sup> K)			
		1.0	
Коэффициент пропуска солнечной энергии			
		0.55	

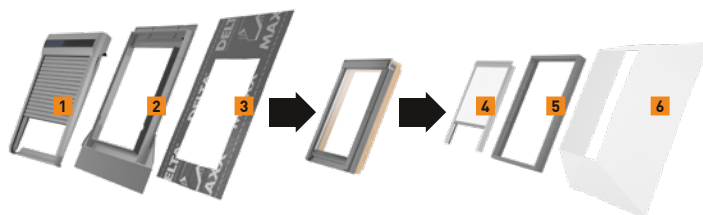
## КОНСТРУКЦИЯ СТЕКЛОПАКЕТА



1:4 мм Закаленное стекло 2, 4: Низкоэмиссионное покрытие 3: Заполнение аргон 5: 4 мм стекло

## ДОПОЛНИТЕЛЬНЫЕ ЭЛЕМЕНТЫ

1. Маркизет (SSR)
2. Оклад
3. Гидроизоляционный фартук (RUC)
4. Штора
5. Теплоизоляционный оклад (IFC)
6. Пароизоляционный фартук



## РАЗМЕРЫ

Размер, см	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P4A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
	55×78	55×98	55×118	66×98	66×118	78×98	78×118	78×140	78×160	94×98	94×118	94×140	94×160	114×118	114×140	134×98	134×140
<b>GOOD KAV B900</b>																	
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	✓	✓
<b>GOOD WHITE KAV B910</b>																	
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

# GOOD PVC



KPV B900

$U_w 1.3 \text{ W/m}^2\text{K}$



INSTALLED IN A PITCH OF  
BETWEEN 15 AND 90 DEGREES



- CENTRE PIVOT PVC ROOF WINDOW
- STEEL REINFORCED, INSULATED PVC PROFILE
- TOUGHENED EXTERNAL GLASS WITH A LIFETIME GUARANTEE AGAINST HAIL DAMAGE
- HIGH PERFORMANCE INSULATION,  $U_w = 1.3 \text{ W/m}^2\text{K}$
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE (10+10 YEARS) - p. 64



NEXT 20  
GUARANTEE



EASY CLEAN  
PVC



MAX PROTECT



THERMOSTAT



**EASY  
MAINTENANCE**

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





GOOD PVC KPVB900

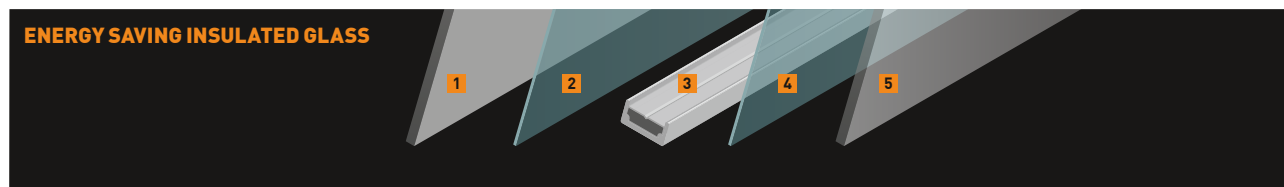


## TECHNICAL PARAMETERS

PANE		WINDOW	
Variant	9	U <sub>w</sub> [W/m <sup>2</sup> K]	1.3
Construction	4-16-4H	Water tightness	E1500
Thickness of glazing (mm)	24	Air permeability	Class 4
Low E	✓✓	Resistance to wind load	Class C4*
Gas	Argon	Sound reduction [dB]	32 [-1,-5]
Toughened	✓		
Laminated			
U <sub>g</sub> (W/m <sup>2</sup> K)	1.0		
Total solar energy transmittance	0.55		

\* sizes M10A, U4A: npd

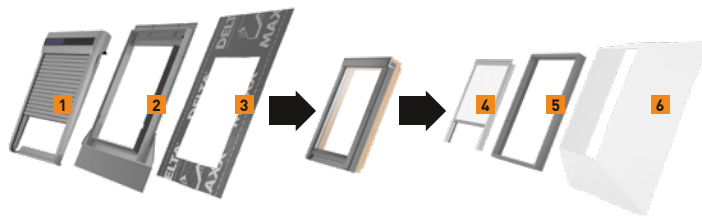
## PANE CONSTRUCTION



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

## ASSOCIATED PRODUCTS

1. Solar roller shutter (SSR) - p. 59
  2. Flashing - p. 48
  3. Underfelt foil collar (RUC) - p. 54
  4. Blind - p. 56
  5. Insulation foam collar (IFC) - p. 55
  6. Roofing vapour barrier foil (RVB) - p. 54
- Other comfort accessories - p. 61



Please remember, to extend your Dakea roof window guarantee up to 20 years you need to use original Dakea installation flashing.

## AVAILABLE SIZES

Size   cm	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P4A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x98	94x118	94x140	94x160	114x118	114x140	134x98	134x140
GOOD PVC KPVB900	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	-	-	✓	-	✓	-



# CONSERVATION



KCV B901/B911

$U_w$  1.3 W/m<sup>2</sup>K



INSTALLED IN A PITCH OF  
BETWEEN 15 AND 90 DEGREES



- CENTRE PIVOT ROOF WINDOW
- AVAILABLE IN NATURAL OR WHITE PAINTED PINE
- TOUGHENED EXTERNAL GLASS WITH A LIFETIME GUARANTEE AGAINST HAIL DAMAGE
- 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
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE (10+10 YEARS) - p. 64



## CONSERVATION COMPLIANCE

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



NEXT 20  
GUARANTEE



MASTER WOOD



MAX PROTECT



THERMOSTAT



**CONSERVATION KCV B901**



**CONSERVATION WHITE KCV B911**



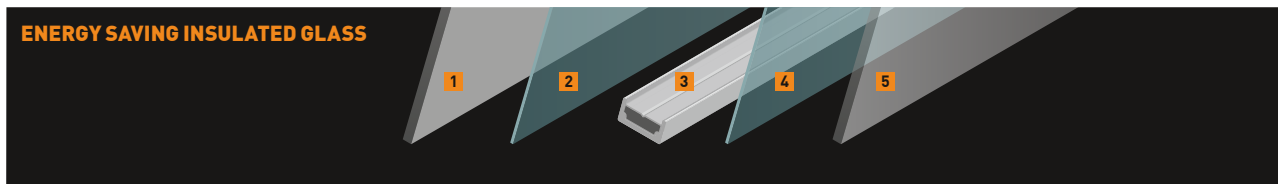
**CONSERVATION KCV B901**  
AVAILABLE WITH BLACK CLADDING  
AND GLAZING BAR



## TECHNICAL PARAMETERS

PANE		WINDOW	
Variant	9	U <sub>w</sub> [W/m <sup>2</sup> K]	1.3
Construction	4-16-4H	Water tightness	E1350
Thickness of glazing (mm)	24	Air permeability	Class 4
Low E	✓✓	Resistance to wind load	Class C4
Gas	Argon	Sound reduction [dB]	32 [-1,-5]
Toughened	✓		
Laminated			
U <sub>g</sub> (W/m <sup>2</sup> K)	1.0		
Total solar energy transmittance	0.55		

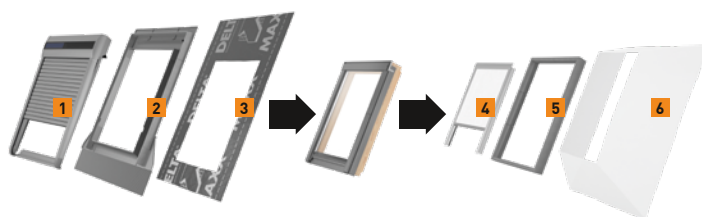
## PANE CONSTRUCTION



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

## ASSOCIATED PRODUCTS

1. Solar roller shutter (SSR) - p. 59
2. Flashing - p. 48
3. Underfelt foil collar (RUC) - p. 54
4. Blind - p. 56
5. Insulation foam collar (IFC) - p. 55
6. Roofing vapour barrier foil (RVB) - p. 54
- Other comfort accessories - p. 61



Please remember, to extend your Dakea roof window guarantee up to 20 years you need to use original Dakea installation flashing.

## AVAILABLE SIZES

Size   cm	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P4A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x98	94x118	94x140	94x160	114x118	114x140	134x98	134x140
<b>CONSERVATION KCV B901</b>	✓	✓	-	-	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-
<b>CONSERVATION WHITE KCV B911</b>	✓	✓	-	-	✓	✓	✓	✓	-	-	-	-	-	-	-	-	-

# OPAQUE



**KAV B3300/B3310 KPV B3300**

**U<sub>w</sub> 1.4 W/m<sup>2</sup>K**



**INSTALLED IN A PITCH OF  
BETWEEN 15 AND 90 DEGREES**

- CENTRE PIVOT ROOF WINDOW
- OPAQUE GLAZING
- AVAILABLE IN NATURAL WOOD, WHITE PAINTED AND WHITE PVC VARIANTS
- TOUGHENED EXTERNAL GLASS WITH A LIFETIME GUARANTEE AGAINST HAIL DAMAGE
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- TO BE USED WHERE PRIVACY IS REQUIRED
- 20 YEAR GUARANTEE (10+10 YEARS) - p. 64



**NEXT 20  
GUARANTEE**



**MASTER WOOD**



**MAX PROTECT**



**EASY CLEAN  
PVC**





OPAQUE KAV B3300



OPAQUE WHITE KAV B3310



OPAQUE PVC KPV B3300



## TECHNICAL PARAMETERS

PANE		WINDOW	
Variant	33	U <sub>w</sub> [W/m <sup>2</sup> K]	1.4
Construction	4-16-4H	Water tightness (KAV B3300, B3310)	E1350
Thickness of glazing (mm)	24	Water tightness (KPV B3300)	E1500
Low E	✓	Air permeability	Class 4
Gas	Argon	Resistance to wind load	Class C4
Toughened	✓	Sound reduction (dB)	32 [-1,-5]
Laminated			
U <sub>g</sub> (W/m <sup>2</sup> K)	1.1		
Total solar energy transmittance	npd		

## PANE CONSTRUCTION

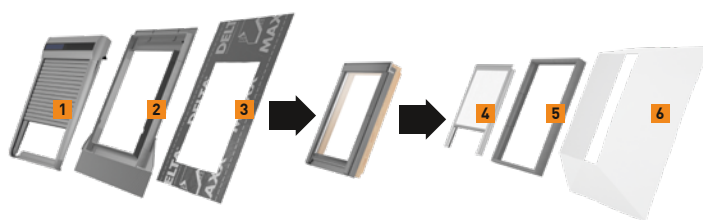
### ENERGY SAVING INSULATED GLASS



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

1. Solar roller shutter (SSR) - p. 59
  2. Flashing - p. 48
  3. Underfelt foil collar (RUC) - p. 54
  4. Blind - p. 56
  5. Insulation foam collar (IFC) - p. 55
  6. Roofing vapour barrier foil (RVB) - p. 54
- Other comfort accessories - p. 61



Please remember, to extend your Dakea roof window guarantee up to 20 years you need to use original Dakea installation flashing.

## AVAILABLE SIZES

Size   cm	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P4A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
	55×78	55×98	55×118	66×98	66×118	78×98	78×118	78×140	78×160	94×98	94×118	94×140	94×160	114×118	114×140	134×98	134×140
<b>OPAQUE KAV B3300</b>	✓	✓	✓	-	✓	✓	✓	-	-	-	-	-	-	-	-	-	-
<b>OPAQUE WHITE KAV B3310</b>	✓	✓	✓	-	✓	✓	✓	-	-	-	-	-	-	-	-	-	-
<b>OPAQUE PVC KPV B3300</b>	✓	✓	✓	-	✓	✓	✓	-	-	-	-	-	-	-	-	-	-

# AZURE



**FRF B600 / FRE B600**

**U<sub>rc,ref300</sub> 0.87 W/m²K**

**A<sub>rc,ref300</sub> 3.4 m²**



**INSTALLED IN A PITCH OF  
BETWEEN 5 AND 15 DEGREES**



- FLAT GLASS TOP UNIT
- FIXED AND OPENABLE VARIANTS
- TOUGHENED EXTERNAL GLASS WITH A LIFETIME GUARANTEE AGAINST HAIL DAMAGE
- LAMINATED INTERNAL PANE
- USING WITH FGT B200 TOP UNIT THE RECOMMENDED MIN. ROOF PITCH IS 5 DEGREE \*
- 10 YEAR GUARANTEE
- AZURE ELECTRIC (FRE B600) COMES WITH RAIN SENSOR
- AZURE ELECTRIC (FRE B600) IS IO-HOMECONTROL® COMPATIBLE

\* If installed below 5 degree, there is an increased risk of water, dirt and debris standing on the glass, which in some cases, can cause slight discoloration of the glass over time.

Installation of flat glass below 5 degree does not affect the lifetime and quality of the product compared to installation at 5 degree.

Azure Electric is compatible with Somfy - TaHoma system.  
For further details and information about Somfy TaHoma system please contact your Somfy partner.



MAX PROTECT



EASY CLEAN  
PVC



SAFE GUARD



**AZURE FIXED FRF B600**  
**AZURE ELECTRIC FRE B600**



**AZURE FIXED (FRF B600)**  
**+ AZURE FLAT (FGT B200)**

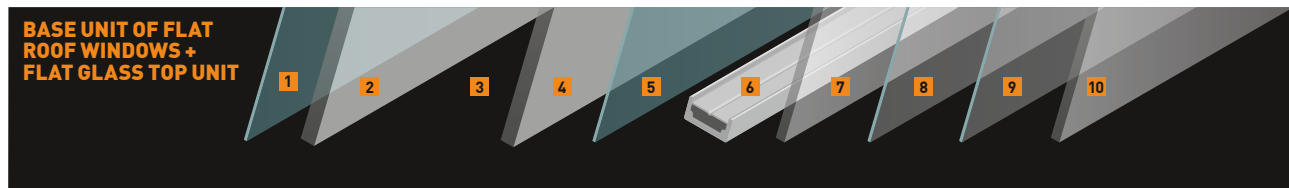


**AZURE ELECTRIC (FRE B600)**  
**+ AZURE FLAT (FGT B200)**

## TECHNICAL PARAMETERS

PANE		WINDOW	
Variant	6+2	$U_{rc,ref300}$ : [ W/m <sup>2</sup> K ]	0.87
Construction	33.2-14,4-4-[-]-4H	$A_{rc,ref300}$ : [ m <sup>2</sup> ]	3.4
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



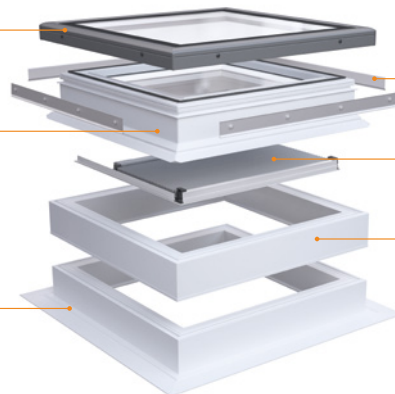
**1:** Easy-to-clean coating **2:** 4 mm toughened glass **3:** 32 mm vented gap between base and top units of flat roof window **4:** 4 mm float glass **5:** Low-e heat reflecting coating  
**6:** Argon gas filled cavity **7, 10:** 3 mm float glass **8, 9:** Two layers of tear resistant foil

## ASSOCIATED PRODUCTS

**FGT B200**  
**Compulsory element**  
Top glass unit

**FRF or FRE B600**  
**Compulsory element**  
Fixed or openable frame for top glass unit. Total height is 20 cm including FGT B200 top unit.

**FRC-F**  
**Optional installation accessory**  
Frame extension with flange - 16 cm











**FAF**  
**Optional installation accessory**  
Roofing material fixing kit ensures a safe joint between frame and roofing material

**FSA**  
**Optional accessory**  
Solar operated blind for flat roof windows

**FRC**  
**Optional installation accessory**  
Extra frame extension - 16 cm Cannot be used without FRC..F. One FRC..F can be combined with max. 3 FRC extension curbs, when more frame height exceeding is required than 31 cm.

## AVAILABLE SIZES

Size   cm								
	0606	0609	0808	0909	0912	1010	1015	1212
	60×60	60×90	80×80	90×90	90×120	100×100	100×150	120×120
<b>AZURE FIXED FRF B600</b>	✓	✓	✓	✓	✓	✓	✓	✓
<b>AZURE ELECTRIC FRE B600</b>	✓	✓	✓	✓	✓	✓	✓	✓
<b>AZURE FLAT FGT B200</b>	✓	✓	✓	✓	✓	✓	✓	✓



# VERTICA ENERGY



**KAN B1600/B1610**

**$U_w$  1.1 W/m<sup>2</sup>K**



In combination with a Dakea standard wooden frame roof window, which has been installed at a roof pitch between 15°- 55°

- VERTICAL FIXED ADDITIONAL WINDOW
- TRIPLE PANE CONSTRUCTION
- NATURAL WOOD AND WHITE PAINTED VARIANTS
- TOUGHENED EXTERNAL GLASS WITH A LIFETIME GUARANTEE AGAINST HAIL DAMAGE
- LAMINATED INTERNAL PANE
- 20 YEAR GUARANTEE (10+10 YEARS) - p. 64

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NEXT 20  
GUARANTEE



MASTER WOOD



MAX PROTECT



THERMOSTAT



SAFE GUARD



ENERGY +



VERTICA ENERGY KAN B1600



VERTICA ENERGY WHITE KAN B1610



THE VERTICAL FIXED WINDOW IS NOT SUITABLE FOR INDIVIDUAL INSTALLATION!

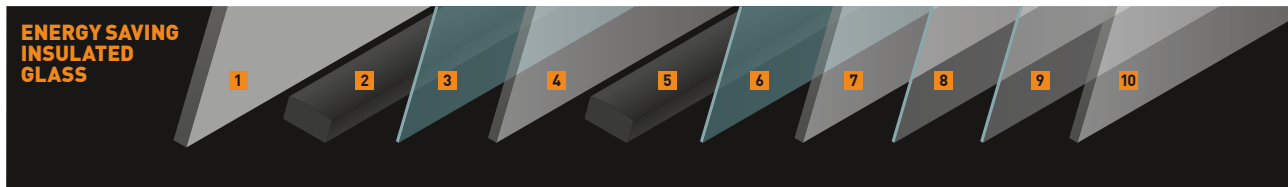
THE SIZE OF THE FLASHING IS DETERMINED BY THE SIZE OF THE OPENABLE WOODEN ROOF WINDOW INSTALLED ABOVE THE FIXED WINDOW.



## TECHNICAL PARAMETERS

PANE		WINDOW	
Variant	16	$U_w$ (W/m <sup>2</sup> K)	1.1
Construction	33.2-10-3HS-10-4H	Water tightness	E1350
Thickness of glazing (mm)	33	Air permeability	Class 4
Low E	✓✓	Resistance to wind load	Class C4
Gas	Argon	Sound reduction (dB)	36 [-1; -3] dB
Toughened	✓		
Laminated	✓		
$U_g$ (W/m <sup>2</sup> K)	0.81		
Total solar energy transmittance	0.54		

## PANE CONSTRUCTION



**ENERGY SAVING INSULATED GLASS**  
**1:** 4 mm toughened safety glass **2, 5:** Argon gas filled cavity **3, 6:** 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 VERTICAL FIXED ROOF WINDOW

**ROOF WINDOW**  
 KAV B900 / B910  
 KAV B1000 / B1010  
 KHV B1000 / B1010  
 KAV B1500 / B1510

KAN B1600 / B1610

For combi solution go page 51.

**SLATE FLASHING**

KSN MXA\*\*

**UNIVERSAL FLASHING**

KUN MXA\*\*

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

## AVAILABLE SIZES

Size   cm	M31A	M34A	M4A	M6A	M8A	M10A
	78×60	78×96	78×98	78×118	78×140	78×160
<b>VERTICA ENERGY KAN B1600</b>	✓	✓				
<b>VERTICA ENERGY WHITE KAN B1610</b>	✓	✓				
<b>SLATE FLASHING KSN</b>	✓	✓	✓	✓	✓	✓
<b>UNIVERSAL FLASHING KUN</b>	✓	✓	✓	✓	✓	✓

# VISION ENERGY



**KAI B1600/B1610**

**U<sub>w</sub> 1.1 W/m²K**



**INSTALLED IN A PITCH OF  
BETWEEN 15 AND 90 DEGREES**

- SLOPED FIXED ADDITIONAL ROOF WINDOW
- TRIPLE PANE CONSTRUCTION
- NATURAL WOOD AND WHITE PAINTED VARIANTS
- TOUGHENED EXTERNAL GLASS WITH A LIFETIME GUARANTEE AGAINST HAIL DAMAGE
- LAMINATED INTERNAL PANE
- 20 YEAR GUARANTEE (10+10 YEARS) - p. 64

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NEXT 20  
GUARANTEE



MASTER WOOD



MAX PROTECT



QUICK INSTALL



SAFE GUARD



THERMOSTAT



ENERGY +





VISION ENERGY KAI B1600



VISION ENERGY WHITE KAI B1610



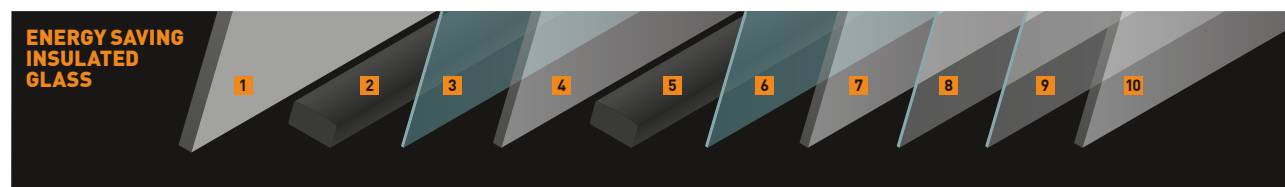
THE FIXED WINDOW IS NOT SUITABLE FOR INDIVIDUAL INSTALLATION! THE LAYOUT REQUIRES AN ADDITIONAL FLASHING AND ADDITIONAL TRIPLE PANE WOODEN ROOF WINDOW. THE SIZE OF THIS ADDITIONAL FLASHING NEEDS TO BE DETERMINED WITH TAKING THE SIZE OF THE OPENABLE ROOF WINDOW INSTALLED ABOVE THE FIXED WINDOW.



## TECHNICAL PARAMETERS

PANE		WINDOW	
Variant	16	$U_w$ [W/m <sup>2</sup> K]	1.1
Construction	33.2-10-3HS-10-4H	Water tightness	E1350
Thickness of glazing (mm)	33	Air permeability	Class 4
Low E	✓✓	Resistance to wind load	Class C4
Gas	Argon	Sound reduction [dB]	36 [-1; -3] dB
Toughened	✓		
Laminated	✓		
$U_g$ [W/m <sup>2</sup> K]	0.81		
Total solar energy transmittance	0.54		

## PANE CONSTRUCTION



1: 4 mm toughened safety glass 2, 5: Argon gas filled cavity 3, 6: 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

**ROOF WINDOW**  
KAV B1500 / B1510

**SLOPED FIXED ROOF WINDOW**  
KAI B1600 / B1610

For combi solution go page 51.

M4A M6A M8A M10A

M4A M4A M4A M4A

**SLATE FLASHING**  
KLS MXA\*\*  
KSI M4A

**UNIVERSAL FLASHING**  
KUF MXA\*\*  
KUI M4A

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

## AVAILABLE SIZES

Size   cm	M4A
	78×98
<b>VISION ENERGY KAI B1600</b>	
	✓
<b>VISION ENERGY WHITE KAI B1610</b>	
	✓

Size   cm	M4A
	78×98
<b>SLATE FLASHING KSI</b>	
	✓
<b>UNIVERSAL FLASHING KUI</b>	
	✓
<b>COMBI FLASHING XCI</b>	
	✓

# SKYLIGHT



**KFE/KFE U**



INSTALLED IN A PITCH OF  
BETWEEN 15 AND 60 DEGREES



46

- 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 non-habitable, unheated spaces



**CONTROL KFE**  
**CONTROL+ KFE U****CONTROL KFE RED**

## TECHNICAL PARAMETERS

	KFE	CONTROL KFE	KFE RED	CONTROL+ KFE U
FEATURES	4555, 4573, 6565	8585	4555, 4573, 6565	4573
Opening restrictor to fix the sash in open position	+	+	+	+
Integrated flashing with apron	+	+	+	+
Integrated foil collar				+
Tile support foam	+	+	+	+
Roof pitch range	15-60°	15-45°	15-60°	15-60°
Suitable for all common roofing up to 90 mm in height	+	+	+	+
Weather and UV ray resistant	+	+	+	+
Kiln-dried pine wood	+	+	+	+
Fungicide protection	+	+	+	+
14mm double pane [3-8-3]	+	+	+	+
Steel handle with two ventilation positions	+	+	+	+
5 year guarantee	+	+	+	+

## OPENING

CONTROL	CONTROL+
KFE	KFE U
4555, 4573, 6565, 8585	4573
Default set to open to right but can be changed to left	Default set to open to right but can be changed to left

## AVAILABLE SIZES

Size   cm	KFE 4555	KFE 4573	KFE 6565	KFE 8585
	45×55	45×73	65×65	85×85
<b>CONTROL KFE</b>				
	✓	✓	✓	✓

Size   cm	KFE 4555 RED	KFE 4573 RED	KFE 6565 RED
	45×55	45×73	65×65
<b>CONTROL RED KFE RED</b>			
	✓	✓	✓

Size   cm	KFE 4573 U
	45×73
<b>CONTROL+ KFE U</b>	
	✓

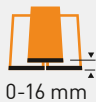
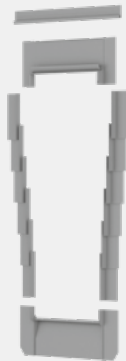


# STANDARD FLASHINGS

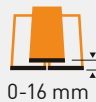
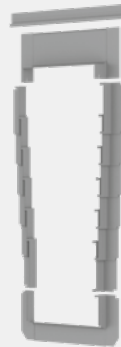
**DAKEA ROOF WINDOWS MUST BE INSTALLED WITH DAKEA ORIGINAL FLASHINGS. WE OFFER A FULL RANGE OF FLASHINGS SUITABLE FOR THE MAJORITY OF ROOFING MATERIALS FOR EASY, FAST AND DURABLE INSTALLATION.**



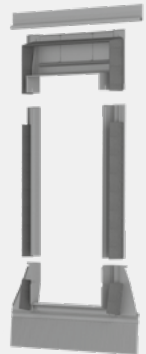
48



0-16 mm



0-16 mm



16-120 mm

## 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 aesthetic 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, 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.

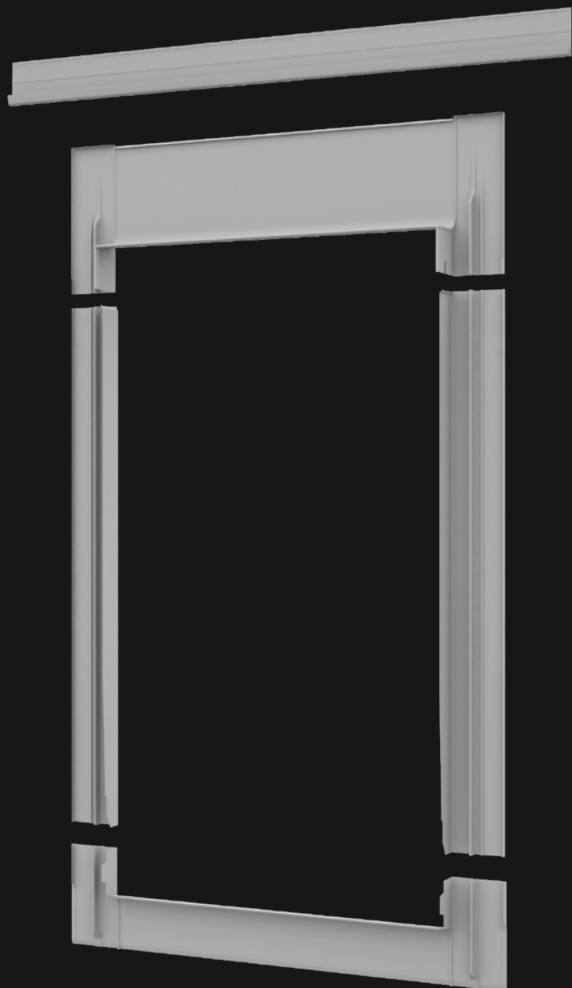
### UNIVERSAL FLASHING

Universal solution for high tiles between 16-120 mm.

**Roofing material:**  
high profile tiles, pantiles, corrugated roofing sheets, etc.

#### Parts

- Upper element
- 2 pcs of side parts
- Bottom element (with extra long apron)
- Drainage gutter



0-16 mm

## 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, bitumen etc.

Not compatible with standing seam.

**Parts**

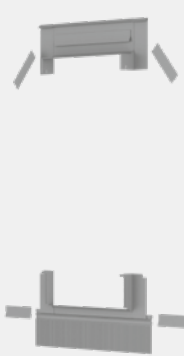
- Upper element
- 2 pcs of side parts
- Bottom element
- Drainage gutter

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 16 mm.



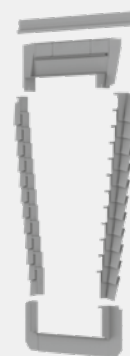
16-50 mm



0-50 mm



16-50 mm



0-28 mm

## KTF

### TILE FLASHING

Suitable for tiles and profiled  
materials between 16-50 mm.

**Roofing material:**

flat tiles above 16mm, concrete  
tiles, profiled ceramic tiles,  
corrugated metal roofing

**Parts**

- Upper element
- 2 pcs of side parts
- Bottom element
- Drainage gutter

## KSS

### STANDING SEAM FLASHING

Patented solution. Suitable for  
installation on metal sheet standing  
seam; also including "click" system  
standing seam metal sheet. External  
side sections are to be constructed  
on site during installation.

**Roofing material:**

Standing seam metal sheet

**Parts**

- Upper element with prefixed  
watershield dam – 1pc
- 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:**

Interlocking flat tiles

**Parts**

- Upper element
- 2 pcs of side parts
- Bottom element
- Drainage gutter

## KFP / KFP VINT.

### PLAIN TILE FLASHING

For installation of roof windows  
into plain tiles profile height  
28 mm (2x14 mm), max. length  
340 mm. Suitable for a roof pitch  
range of 25° - 90°.

**Roofing material:**

plain tiles 14mm

**Parts**

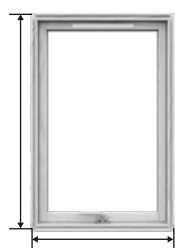
- Upper element
- Soakers (8 – 18 pcs/side,  
depending on the window size)
- Bottom element
- Drainage gutter

# COMBI FLASHINGS

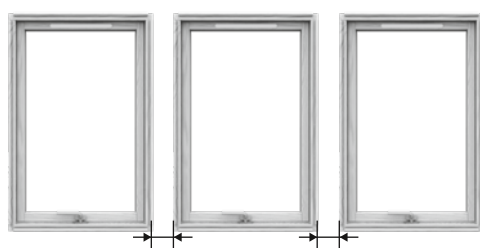
IF THE CUSTOMERS WANT TO INSTALL MORE THAN ONE WINDOW NEXT TO ONE ANOTHER OR ABOVE ONE ANOTHER, THEY HAVE TO USE THE SPECIAL FLASHING COMBINATION KIT.

## KEY POINTS FOR THE PERFECT CHOICE

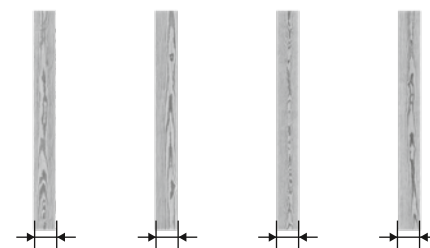
What is the size of the windows?



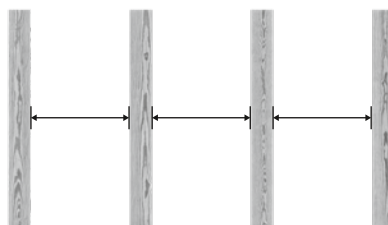
What is the required distance between the windows?



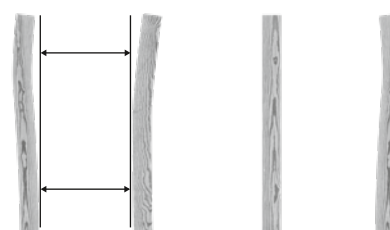
What is the size of the rafters?



What is the distance between the rafters?

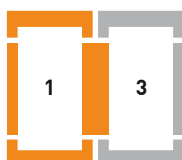


Are the rafters straight and parallel?

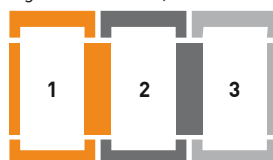


## CONTENT OF COMBI FLASHING BOXES

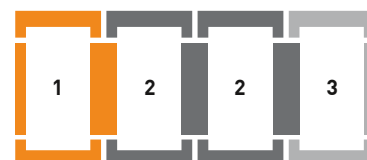
For 2 windows positioned besides each other  
e.g. **UCX M4A 13F**



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



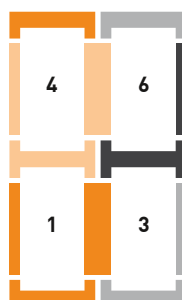
For 4 windows positioned besides each other  
e.g. **UCX M4A 13F, 2x UCX M4A 2F**



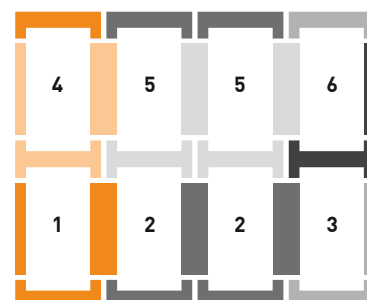
For 2 windows positioned on top of each other  
e.g.  
**KUF M4A, UCX M4A 7E**



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.





## NECESSARY FLASHINGS FOR VERTICA ENERGY (KAN) COMBI INSTALLATION

**THIS CONSTRUCTION REQUIRES ADDITIONAL 2 NORMAL FRAME WOODEN ROOF WINDOWS.**

The size of this flashing needs to be determined by taking the size of the openable roof windows installed above the fixed windows.

ROOF WINDOW

KAN B1600 /B1610



**COMBI SLATE FLASHING**  
SBN MXA 120\*  
**COMBI TILE FLASHING**  
UBN MXA 120\*



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

## NECESSARY FLASHINGS FOR VISION ENERGY (KAI) COMBI INSTALLATION

**THIS CONSTRUCTION REQUIRES AN ADDITIONAL FLASHING AND ADDITIONAL TRIPLE PANE ROOF WINDOW.**

The size of this additional flashing needs to be determined with taking the size of the openable roof window installed above the fixed window.

ROOF WINDOW

KAI B1600 /B1610



**COMBI SLATE FLASHING**  
SCX MXA13E\*\*  
KSI M4A  
XCI M4A

**COMBI TILE FLASHING**  
UCX MXA13E\*\*  
KUI M4A  
XCI M4A



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

## DISTANCE BETWEEN WINDOWS



**E: 100 mm**

**E: 100 mm, F: 120 mm, G: 140 mm**



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**

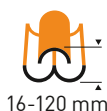
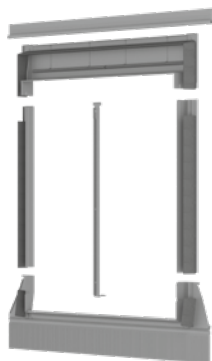


**Because of the max. 100 mm distance, in case of two (or more) windows installed above one another the roller shutter can only be installed above the top one!**



Find more on: [www.dakea.co.uk/combi-configurator/](http://www.dakea.co.uk/combi-configurator/)

# COMBI FLASHINGS



## UBX

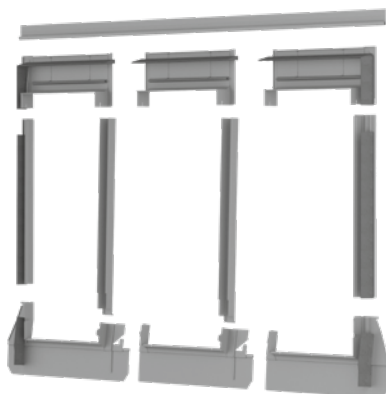
### COMBI TWIN FLASHING

Suitable for installation of 2 x windows side by side only, with 18 mm gap between them. It brings more light to the interior.

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

#### Parts

- Upper element
- 2 pcs of side parts
- Middle gutter
- Bottom element
- Drainage gutter



## FCX

### COMBI INTERLOCKING FLAT TILE FLASHING

Comes with flat front edge to provide a perfect seal to flat roofing materials.

For roof windows with horizontal distance of 120 mm. When installing a roof window onto another, it is necessary to purchase an UCX flashing for the top row.

#### Roofing material

Suitable for interlocking flat tiles between 16-50 mm thickness.

#### Parts

Parts depend on the type of the installation.



## XCI

### COMBI FLASHING FOR VISION ENERGY

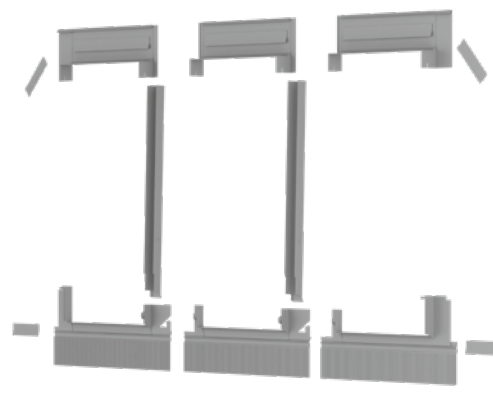
Suitable for installation for more than one VISION ENERGY (KAI type) roof window, next to each other with 100mm distance.

#### Additional flashings needed

- For slate roofing materials, additional SCX MXA 13E and KSI M4A flashing is needed.
- For tile roofing materials, additional UCX MXA 13E and KUI M4A flashing is needed.

#### Parts

- Vertical gutter
- Horizontal gutter



## SSC

### COMBI STANDING SEAM FLASHING

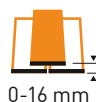
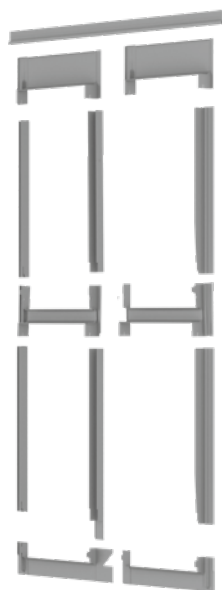
Suitable for installation side-by-side on roofs using standing seam materials. For roof windows with horizontal distance of 120 mm. With corrugated bottom apron element to provide a perfect fit to the roofing material without visible screws. External side sections are to be constructed on site during installation. Patented solution for the perfect connection to the roofing material.

#### Roofing material

For special steel roofing materials with standing seam connections. Suitable for "click system" steel roofing as well.

#### Parts

Parts depend on the type of the installation.



0-16 mm

**SCX****COMBI SLATE FLASHING**

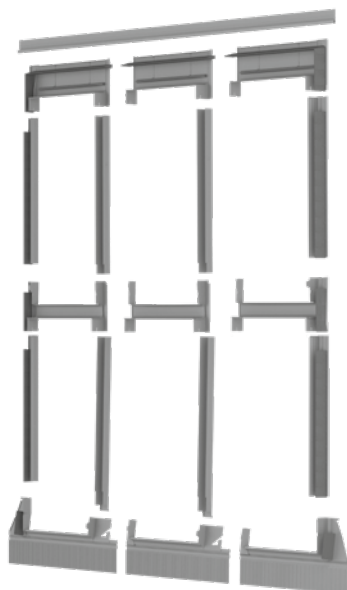
Suitable for installation of more than one window next to one another or above one another.

**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



16-120 mm

**UCX****COMBI UNIVERSAL FLASHING**

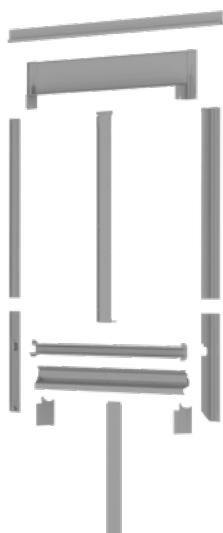
Suitable for installation of more than one window next to one another or above one another.

**Roofing material**

universal solution for high tiles between 16-120 mm

**Parts**

- Parts depend on the type of the installation



0-16 mm

**SBN****COMBI TWIN SLATE FLASHING FOR VERTICA ENERGY**

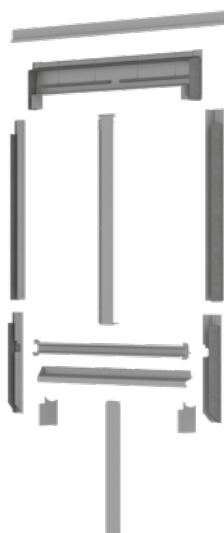
Suitable for installation for two VERTICA ENERGY (KAN type) roof windows, besides each other with 120 mm distance between them.

**Roofing material**

For natural slates, manufactured slates, shingle, asphalt, roofing felt, bitumen etc. up to 16 mm (2x8 mm).

**Parts**

- Upper element
- 2 pcs of side parts
- High-lying middle gutter
- Drainage gutter



16-120 mm

**UBN****COMBI TWIN UNIVERSAL FLASHING FOR VERTICA ENERGY**

Suitable for installation for two VERTICA ENERGY (KAN type) roof windows, besides each other with 120 mm distance between them.

**Roofing material**

Universal solution for high profiled roofing materials between 16-120 mm.

**Parts**

- Upper element
- 2 pcs of side parts
- High-lying middle gutter
- Drainage gutter



# EASY INSTALLATION ACCESSORIES

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## 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 an insulating frame around your window, restricting heat loss. It also helps with easier, faster and faultless installation.

## 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.



### 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.

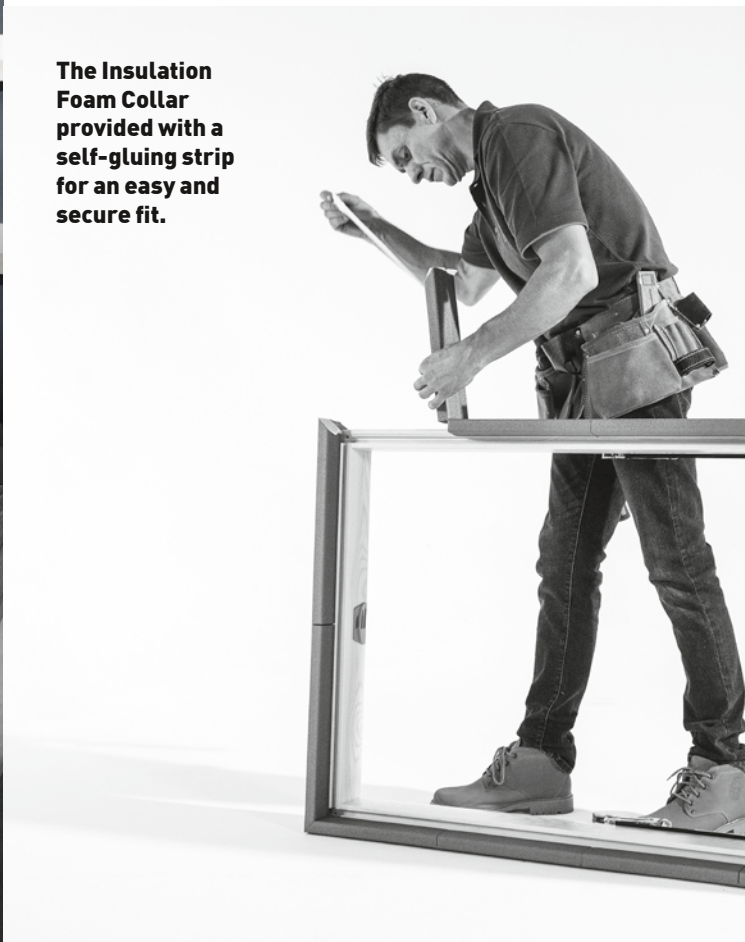


**100%  
WATER TIGHT  
INSTALLATION**



**REDUCE  
HEAT LOSS AND  
CONDENSATION,  
AND SAVE  
ENERGY**

The Insulation  
Foam Collar  
provided with a  
self-gluing strip  
for an easy and  
secure fit.



55



## 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 and minimising the possibility of cold bridging – this will help prevent the chances of condensation forming on the window frame.

### 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**  
for all Dakea  
sloped roof windows



**IFC DOES NOT FIT  
windows with KFF flashing  
(recessed installation)**

# COMFORT ACCESSORIES

## ALMOST 100% BLACKOUT

### 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



MULTIFIT

56



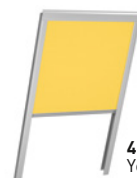
4208  
White



4232  
Petrol Blue



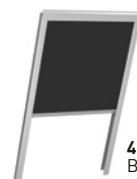
4212  
Dark Blue



4233  
Yellow



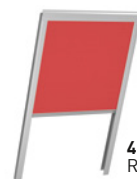
4219  
Beige



4249  
Black



4217  
Grey



4213  
Red



MULTIFIT

#### WHAT DOES MULTIFIT MEAN?

It means that the product is compatible with Dakea, VELUX®, Fakro®, RoofLITE®, Keylite®, Dakstra, Optilight® and Starlite® windows.





## 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

## FILTERED LIGHT

### 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
- Neat, cordless operation
- Ideal for humid environments
- 2 year guarantee

## SHADE AND THERMO-REGULATION

### 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
- Combining MIA with Dakea triple pane roof windows can lower volume of solar heat getting into the room through the window by up to 67%
- 2 year guarantee



**4312**  
Dark Blue



**4319**  
Beige



**4388**  
White

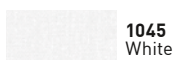


**4260**  
Black

Anti-heat blinds MIA are compatible with all roof windows by Dakea, DAKSTRA, RoofLITE®.



**1047**  
Black



**1045**  
White

## LIGHT CONTROL TO AZURE FLAT ROOF WINDOW

### FSA

#### SOLAR BLIND FOR FLAT ROOF WINDOW

- Solar operated blind fits perfectly to DAKEA/Dakstra flat roof windows
- Double pleated material provides 100% blackout effect, which is ideal for bedrooms.
- The special aluminium layer in the honey comb cloth blocks up to an extra 51% solar heat
- Quick and easy installation
- Due to solar panel no wiring is needed
- Anodized aluminium rails without visible cords
- Factory paired wall-switch
- One main wall switch can operate up to a maximum of 200 blinds simultaneously in the same direction
- High performance battery allows up to 600 operations with one charge
- io-homecontrol® compatible
- 2 year guarantee



Product is compatible with Somfy - TaHoma system  
For further details and information about Somfy TaHoma system please contact your Somfy partner.

# SPECIAL PRODUCTS



## SMOKE VENTILATION SYSTEM

### KAS B1010 / B1600

#### SMOKE VENT WHITE SMOKE VENT ENERGY

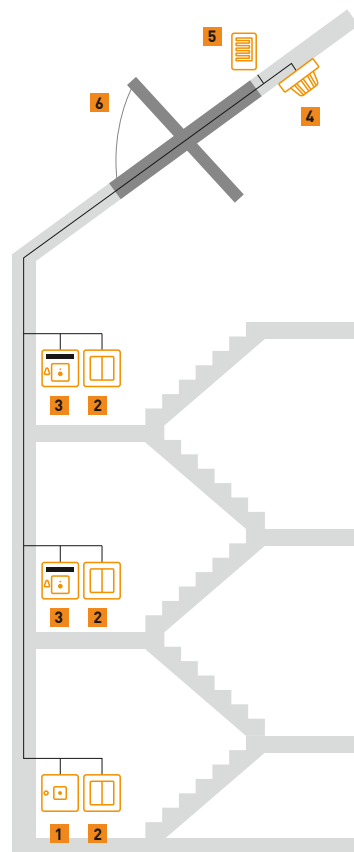
Electrically operated centre pivot roof window designed for smoke and heat ventilation in case of emergency. In the detection of fire or smoke, the control system automatically opens the window, but the opening function can also be activated by a manual fire alarm connected to the control system.

#### Features

- Complete smoke-ventilation system
- Applicable in roof pitch range of 15°-60°
- Smoke ventilation roof window (KAS) tested and certified according to EN 12101-2
- In case of fire opens to maximum position within 60 seconds
- Centre pivot wooden roof window
- Pre-installed opening motor
- Gas strut assisted opening
- Toughened outer glass
- Laminated internal safety glass
- Double gasket system between frame and sash
- Double Low-e coating
- Easy installation
- 10+10 year warranty for the roof window
- 2 years for the motor and gas struts
- Optional wall switch available for comfort ventilation
- Optional rain sensor available for comfort ventilation
- Cannot be used for roof exit or escape purposes!
- Available in natural or white painted pine



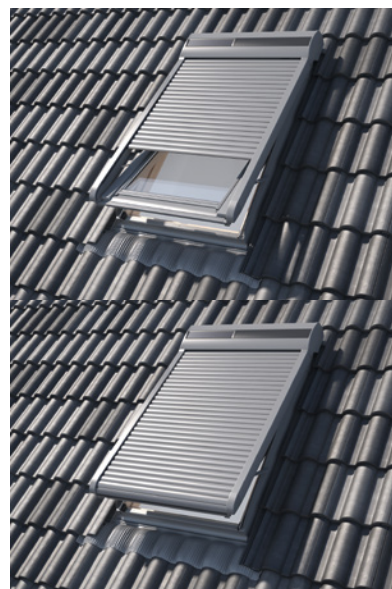
KAS smoke ventilation window without wind deflector is used when geometrical area is legally required only. KWU wind deflector should be used when aerodynamic free area is legally required. This may depend on the application and the local legislation.



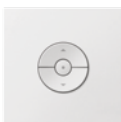
## STAIRCASE SYSTEM SKETCH

1. **CONTROL UNIT**  
KFC210/220
2. **COMFORT SWITCH**  
KFK200
3. **BREAK-GLASS POINT**  
KFK100
4. **SMOKE DETECTOR**  
KFA100
5. **RAIN SENSOR**  
KLA200
6. **SMOKE VENT ROOF WINDOW**  
KAS B1010/B1600





## EXTERNAL PROTECTION



### SSR

#### SOLAR ROLLER SHUTTER

Solar operated roller shutter. Fits all size of your Dakea roof windows. Protects against heat and cold. Provides extra sound reduction and security.

##### Features

- Up to extra 16% thermal insulation (depending on the panel)
- Excludes light completely
- Protects against burglary
- Gives you 100% privacy
- Ready-to-use solution, no additional work is needed
- io-homecontrol® compatible
- Fully charged battery is able to manage 100 open and close cycles
- Factory paired wall switch is able to operate up to 200 shutters simultaneously
- Eco-friendly product operating with solar energy use
- Easy installation from inside of the room
- Possibility to open window with shutter shut (having fresh air with keeping the shadow)
- Double insulated aluminum slats for increased insulation and noise reduction
- Dakea solar shutters are not compatible with high-pivot windows (KHV) and Flush Flashing (KFF) and with fixed roof windows (KAN, KAI).



Product is compatible with Somfy - TaHoma system  
For further details and information about Somfy  
TaHoma system please contact your Somfy partner.



# SPECIAL PRODUCTS



## INCREASED SAFETY

### KAQ B1010Q

#### SECURE WHITE

Provides a form of burglary protection. Which protects your home and family from unwanted intrusions.

#### Features

- Centre pivot roof window
- Class P4A security glazing (according to EN 356 harmonized European standard)
- Toughened external pane
- Laminated internal pane with 4 layers of tear resistant foil
- RC2 burglary resistance classification according to EN 1627 harmonized European standard
- Glued pane to the sash to disallow the pane dismantling
- Reinforced hinges
- Two discreet locks for increased security
- Applicable in roof pitch range of 15°-90°
- Available in white paint only
- All Dakea flashing kits can be used with this model
- 20 Year guarantee - (10+10 years) - p. 64

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## EASY ACCESS TO ROOFTOPS

### KXL B1600

AVAILABLE FROM  
SECOND HALF OF 2023

#### ACCESS ENERGY

Offers convenient and safe access to the roof from your home. Perfect solution if there is no other access is available to reach the rooftop, chimney and eaves. Suitable for heated and inhabited rooms and hallways.

#### Features

- Gas strut assists opening and closing the sash
- The special gas strut fixes the sash in opened position
- Side-hung operated window with left/right opening option
- Handle is located on the side sash
- Roof pitch 15-85°
- Laminated, triple pane
- 36 dB increased sound insulation
- Available sizes: F4A, F6A, M4A, M6A, M8A, P6A
- Possible to install into combi in case of same dimensions
- $U_w = 1,1 \text{ W/m}^2\text{K}$
- $U_g = 0,81 \text{ W/m}^2\text{K}$
- Compatible with all Dakea internal blinds
- Double lacquered, impregnated timber
- 10+10 year guarantee - p. 64



# АКСЕССУАРЫ

## ZCA

### ТЕЛЕСКОПИЧЕСКИЙ СТЕРЖЕНЬ

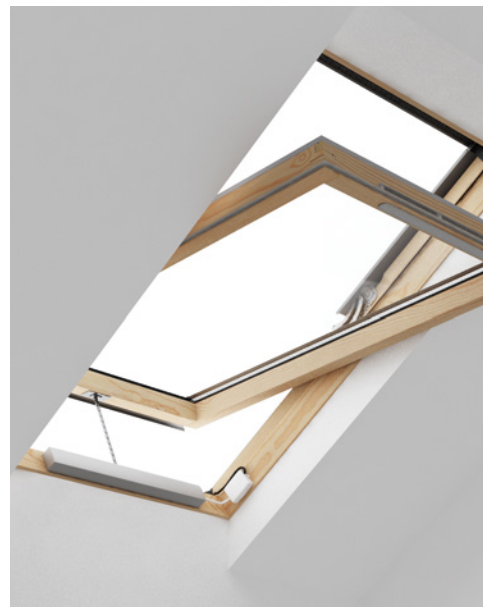
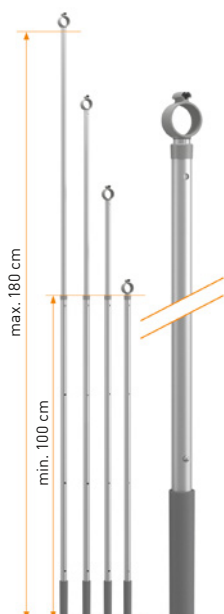
- Телескопический стержень открывания можно использовать для всех мансардных окон Dakea.
- Стержень открывания позволяет открывать/закрывать окно или вентиляционный клапан, а также управлять затемняющими шторами или жалюзи.
- Может быть увеличена от 100 см до максимальной длины 180 см.



## SLK100

### БЕЗОПАСНЫЙ ЗАМОК

- Высококачественный нажимной замок, обеспечивающий повышенную защиту от взлома и случайного открытия изнутри.
- Установка занимает всего 15 минут и позволяет установить все виды внутренних жалюзи.
- Совместим со всеми деревянными окнами Dakea.



## AMC100

### ЭЛЕКТРИЧЕСКОЕ УПРАВЛЕНИЕ

Обеспечивает комфорт и простоту автоматического управления мансардными окнами. Устройство оснащено датчиком дождя для автоматического закрытия при появлении осадков.

Простое и гибкое решение, которое устраняет необходимость ручного открывания мансардного окна. Идеально подходит для окон в труднодоступных местах. Работа только с дистанционным управлением. После установки окном нельзя управлять вручную. На этот открыватель также предоставляется 2-летняя гарантия.

Полный комплект открывателей мансардных окон включает в себя:

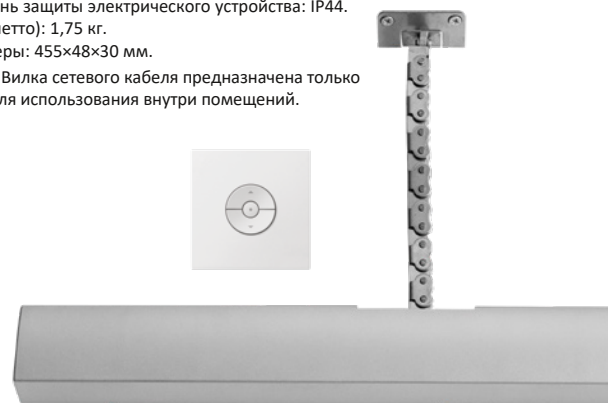
- моторный блок со всеми электрическими соединениями
- датчик дождя
- пульт дистанционного управления
- винты

Двигатель расположен в нижней части оконной рамы и управляет открытием и закрытием окна. Продукт совместим с продуктами с система **io-homecontrol®**.

Технические данные:

- Напряжение источника питания: 230-240 В-50 Гц.
- Потребляемая мощность: 40 Вт.
- Сетевой кабель: 2x0,75 мм<sup>2</sup>.
- Длина сетевого кабеля: 7 м.
- Макс. длина рабочего отверстия: 20 см
- Продолжительность полного открытия: 27 с.
- Степень защиты электрического устройства: IP44.
- Вес (нетто): 1,75 кг.
- Размеры: 455x48x30 мм.

\* Вилка сетевого кабеля предназначена только для использования внутри помещений.

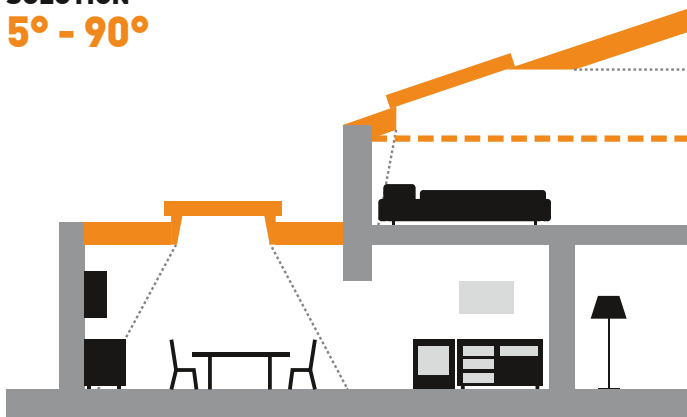


# QUICK INSTALLATION GUIDE

## BEFORE INSTALLATION

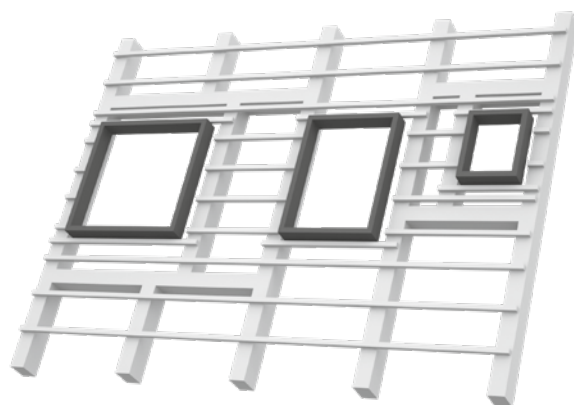
### WHAT IS THE ROOF PITCH?

**DAKEA SOLUTION**  
**5° - 90°**



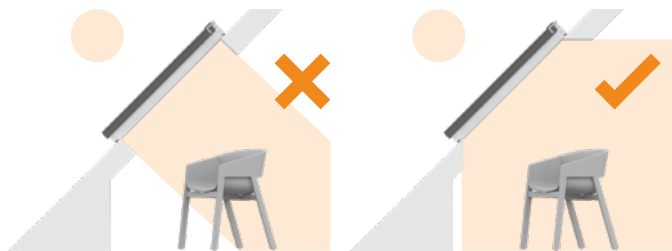
### CUTTING THE RAFTERS & DISTANCE BETWEEN THE RAFTERS

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



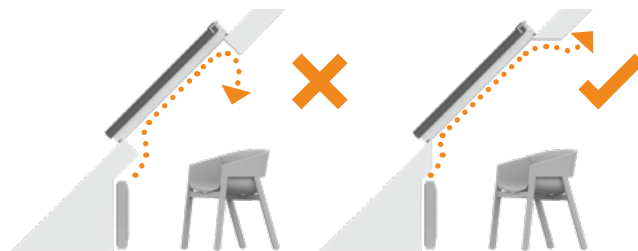
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### SHAPING THE INTERNAL LINING MAXIMISE THE LIGHT



**CORRECT INSTALLATION IS ESSENTIAL**

### MINIMISE THE CONDENSATION

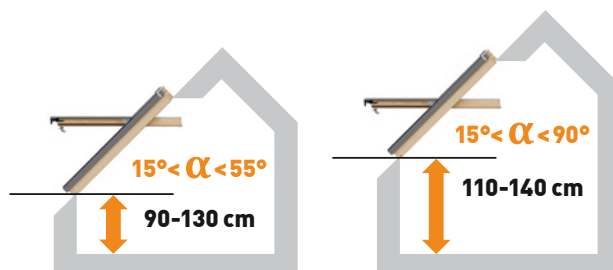


Incorrectly splayed reveals trap warm air and may cause condensation.

Correctly splayed reveals maximise warm air across the pane and to assist the circulation around the room.

### INSTALLATION HEIGHT

**RECOMMENDED MIN AND MAX  
INSTALLATION HEIGHT**



Check Dakea youtube channel  
for installation film and more:  
[www.youtube.com/dakeachannel](http://www.youtube.com/dakeachannel)





## 1 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.



**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.

## 2 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.



## 3 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.

## 4 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 and top flashing section, fix it with the provided screws.

Replace tiles.

Replace the sash in frame.

That's it! You have now installed your roof window.



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

# GUARANTEE & MAINTENANCE

**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 provide the end user a ten year guarantee for all roof windows (excluding skylights), including panes and flashings. For skylights we offer a five year guarantee. For roller shutters we offer a three year guarantee, for 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.net](http://www.dakea.net). It will increase your home value and give you an extra 10 years' peace of mind.

## **MAX PROTECT**

Roof windows MAX PROTECT system gives you lifetime guarantee against hail damage.



MAX PROTECT

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## MAINTENANCE

### **CLEANING THE OUTSIDE OF THE WINDOW AND WINDOW PANE**

You can clean the outside of the window pane of centre pivot roof windows by rotating the sash through ca. 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, moss & debris 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 all flexible EPDM gaskets.

### **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 or mild soapy water.



# SUSTAINABILITY & CERTIFICATES

**THE BUILT ENVIRONMENT ACCOUNTS FOR UP TO 40% OF GROSS ANNUAL CARBON EMISSIONS WORLDWIDE AND WITH THIS IN MIND, THE CONSTRUCTION INDUSTRY URGENTLY NEEDS TO TAKE ACTION TO REDUCE ITS GREENHOUSE EMISSIONS.**

As part of the industry, Dakea wants to take urgent action to reduce its greenhouse emissions.

Dakea is working in line with the SBTi to take science-based approach to reducing emissions, with the ambitious goal to have zero carbon emissions from direct operations and to halve the product carbon footprint across the value chain by 2030\*. As a result, Dakea has already been transforming the company operations and production

practices, with the focus on three main areas: taking climate action, producing sustainable products and securing responsible business.

In particular, by 2030 Dakea commits to:

- reducing direct operations emissions, Scope 1 & 2, by switching to a zero-emission car fleet, and by changing from fossil fuel to renewable power sources for the manufacturing
- reducing the carbon footprint of products by 50% across the value chain, scope 3, by forming

partnerships that will enable Dakea to reduce material weight, replace materials with lower carbon footprint materials and redesign products

- switching to single material, zero plastic and 100% recyclable packaging, as well as reducing non-utilised waste per produced window by 50%
- only using recycled plastic and FSC paper in marketing merchandise.

**Partner up with Dakea to reduce your supply chain emissions.**

## PRODUCTION CERTIFICATES

### ISO 9001

Quality management system

### ISO 14001

Environmental management system

### ISO 45001

Occupational Health and Safety Management Systems

### FPC

Factory Production Control

### P-MARKING

Insulated glazing unit certification

## ALTATERRA CERTIFICATES

### BBA

Product and factory certification for UK market

### KOMO

Product certification for the NL market

### DOP

Follow the link to find DoP documentation:

<https://dakea.com/ce-ukca/>

### FSC®

Certification of wood is used from sustainable forestry



The mark of responsible forestry

## ALTATERRA'S PARTNER TEST INSTITUTES

### CSTB, ÉMI

Noise reduction, fire resistance

### IFT ROSENHEIM

U-value, air permeability, water tightness


















### CSI

U-value, surface temperature



# PRICES

## ROOF WINDOWS

																	
SIZE (cm)	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P4A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
Effective light area m <sup>2</sup>	0,220	0,295	0,369	0,382	0,478	0,476	0,597	0,730	0,851	0,604	0,757	0,926	1,080	0,953	1,165	0,919	1,407

### ULTIMA ENERGY KEY B1800

Price exc. VAT	481.00	508.00	-	-	591.00	559.00	632.00	709.00	802.00	-	723.00	815.00	-	829.00	-	-	-
Price inc. VAT	577.20	609.60	-	-	709.20	670.80	758.40	850.80	962.40	-	867.60	978.00	-	994.80	-	-	-

### ULTIMA ENERGY WHITE KEY B1810

Price exc. VAT	481.00	508.00	-	-	591.00	559.00	632.00	709.00	802.00	-	723.00	815.00	-	829.00	-	-	-
Price inc. VAT	577.20	609.60	-	-	709.20	670.80	758.40	850.80	962.40	-	867.60	978.00	-	994.80	-	-	-

### ULTIMA ENERGY PVC KEP B1800

Price exc. VAT	601.00	619.00	-	-	690.00	660.00	713.00	802.00	900.00	-	813.00	932.00	-	938.00	-	-	-
Price inc. VAT	721.20	742.80	-	-	828.00	792.00	855.60	962.40	1,080.00	-	975.60	1,118.40	-	1,125.60	-	-	-

### BETTER ENERGY KAV B1500

Price exc. VAT	444.00	463.00	475.00	484.00	520.00	493.00	542.00	587.00	672.00	540.00	587.00	672.00	-	690.00	761.00	696.00	860.00
Price inc. VAT	532.80	555.60	570.00	580.80	624.00	591.60	650.40	704.40	806.40	648.00	704.40	806.40	-	828.00	913.20	835.20	1,032.00

### BETTER ENERGY WHITE KAV B1510

Price exc. VAT	444.00	463.00	475.00	484.00	520.00	493.00	542.00	587.00	672.00	540.00	587.00	672.00	-	690.00	761.00	696.00	860.00
Price inc. VAT	532.80	555.60	570.00	580.80	624.00	591.60	650.40	704.40	806.40	648.00	704.40	806.40	-	828.00	913.20	835.20	1,032.00

### BETTER ENERGY PVC KPV B1500

Price exc. VAT	473.00	499.00	516.00	529.00	580.00	538.00	607.00	678.00	783.00	-	678.00	790.00	-	807.00	-	778.00	-
Price inc. VAT	567.60	598.80	619.20	634.80	696.00	645.60	728.40	813.60	939.60	-	813.60	948.00	-	968.40	-	933.60	-

### BETTER VIEW KHV B1000

Price exc. VAT	-	463.00	-	-	520.00	493.00	542.00	587.00	-	-	-	-	-	-	-	-	-
Price inc. VAT	-	555.60	-	-	624.00	591.60	650.40	704.40	-	-	-	-	-	-	-	-	-

### BETTER VIEW WHITE KHV B1010

Price exc. VAT	-	463.00	-	-	520.00	493.00	542.00	587.00	672.00	-	-	-	-	-	-	-	-
Price inc. VAT	-	555.60	-	-	624.00	591.60	650.40	704.40	806.40	-	-	-	-	-	-	-	-

### BETTER SAFE KAV B1000

Price exc. VAT	346.00	364.00	380.00	387.00	423.00	395.00	446.00	494.00	574.00	-	494.00	577.00	-	596.00	631.00	570.00	701.00
Price inc. VAT	415.20	436.80	456.00	464.40	507.60	474.00	535.20	592.80	688.80	-	592.80	692.40	-	715.20	757.20	684.00	841.20

### BETTER SAFE WHITE KAV B1010

Price exc. VAT	346.00	364.00	380.00	387.00	423.00	395.00	446.00	494.00	574.00	-	494.00	577.00	-	596.00	631.00	570.00	701.00
Price inc. VAT	415.20	436.80	456.00	464.40	507.60	474.00	535.20	592.80	688.80	-	592.80	692.40	-	715.20	757.20	684.00	841.20

### BETTER SAFE PVC KPV B1000

Price exc. VAT	404.00	429.00	476.00	455.00	495.00	481.00	522.00	579.00	678.00	-	579.00	-	-	707.00	-	672.00	-
Price inc. VAT	484.80	514.80	571.20	546.00	594.00	577.20	626.40	694.80	813.60	-	694.80	-	-	848.40	-	806.40	-

### GOOD KAV B900

Price exc. VAT	326.00	345.00	360.00	368.00	401.00	375.00	424.00	469.00	544.00	424.00	469.00	548.00	-	563.00	596.00	540.00	656.00
Price inc. VAT	391.20	414.00	432.00	441.60	481.20	450.00	508.80	562.80	652.80	508.80	562.80	657.60	-	675.60	715.20	648.00	787.20

### GOOD WHITE KAV B910

Price exc. VAT	326.00	345.00	360.00	368.00	401.00	375.00	424.00	469.00	544.00	424.00	469.00	548.00	578.00	563.00	596.00	540.00	656.00
Price inc. VAT	391.20	414.00	432.00	441.60	481.20	450.00	508.80	562.80	652.80	508.80	562.80	657.60	693.60	675.60	715.20	648.00	787.20

### GOOD PVC KPV B900

Price exc. VAT	380.00	403.00	448.00	428.00	467.00	450.00	492.00	544.00	631.00	-	544.00	-	-	654.00	-	631.00	-
Price inc. VAT	456.00	483.60	537.60	513.60	560.40	540.00	590.40	652.80	757.20	-	652.80	-	-	784.80	-	757.20	-


### CONSERVATION KCV B901


Price exc. VAT	359.00	377.00	-	-	437.00	410.00	461.00	511.00	-	-	-	-	-	-	-	-	-
Price inc. VAT	430.80	452.40	-	-	524.40	492.00	553.20	613.20	-	-	-	-	-	-	-	-	-


### CONSERVATION WHITE KCV B911


Price exc. VAT	359.00	377.00	-	-	437.00	410.00	461.00	511.00	-	-	-	-	-	-	-	-	-
Price inc. VAT	430.80	452.40	-	-	524.40	492.00	553.20	613.20	-	-	-	-	-	-	-	-	-


Prices are in £. Delivery mainland.

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

 10 working days delivery time (from manufacturer to merchant)

 8-18 working days delivery time (from manufacturer to merchant)

 Please contact us for current lead times
















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

Delivery time is in working days from receipt of orders placed before 12 noon. 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.



															
SIZE (cm)	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P6A	P8A	S6A	S8A	U4A	U8A
	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	114x118	114x140	134x98	134x140
Effective light area m <sup>2</sup>	0,220	0,295	0,369	0,382	0,478	0,476	0,597	0,730	0,851	0,757	0,926	0,953	1,165	0,919	1,407

**OPAQUE KAV B3300**

Price exc. VAT	428.00	450.00	466.00	-	535.00	507.00	570.00	-	-	-	-	-	-	-	-
Price inc. VAT	<b>513.60</b>	<b>540.00</b>	<b>559.20</b>	-	<b>642.00</b>	<b>608.40</b>	<b>684.00</b>	-	-	-	-	-	-	-	-


**OPAQUE WHITE KAV B3310**

Price exc. VAT	428.00	450.00	466.00	-	535.00	507.00	570.00	-	-	-	-	-	-	-	-
Price inc. VAT	<b>513.60</b>	<b>540.00</b>	<b>559.20</b>	-	<b>642.00</b>	<b>608.40</b>	<b>684.00</b>	-	-	-	-	-	-	-	-

**OPAQUE PVC KPV B3300**

Price exc. VAT	489.00	532.00	556.00	-	613.00	596.00	666.00	-	-	-	-	-	-	-	-
Price inc. VAT	<b>586.80</b>	<b>638.40</b>	<b>667.20</b>	-	<b>735.60</b>	<b>715.20</b>	<b>799.20</b>	-	-	-	-	-	-	-	-

**FIXED ROOF WINDOWS**



	
SIZE (cm)	M4A
	78x98
Effective light area m <sup>2</sup>	0,476

**VISION ENERGY KAI B1600**

Price exc. VAT	543.00
Price inc. VAT	<b>651.60</b>

**VISION ENERGY WHITE KAI B1610**

Price exc. VAT	543.00
Price inc. VAT	<b>651.60</b>

		
SIZE (cm)	M31A	M34A
	78x60	78x96
Effective light area m <sup>2</sup>	0,227	0,441









**VERTICA ENERGY KAN B1600**

Price exc. VAT	558.00	607.00
Price inc. VAT	<b>669.60</b>	<b>728.40</b>

**VERTICA ENERGY WHITE KAN B1610**

Price exc. VAT	558.00	607.00
Price inc. VAT	<b>669.60</b>	<b>728.40</b>

**FLAT ROOF WINDOWS**

								
SIZE (cm)	0606	0609	0808	0909	0912	1010	1015	1212
	60x60	60x90	80x80	90x90	90x120	100x100	100x150	120x120
Effective light area m <sup>2</sup>	0,189	0,32	0,403	0,54	0,761	0,697	1,115	1,071

**AZURE FIXED FRF B600**

Price exc. VAT	435.00	468.00	493.00	566.00	648.00	613.00	783.00	749.00
Price inc. VAT	<b>522.00</b>	<b>561.60</b>	<b>591.60</b>	<b>679.20</b>	<b>777.60</b>	<b>735.60</b>	<b>939.60</b>	<b>898.80</b>







**AZURE VENTED FRE B600**

Price exc. VAT	1,031.00	1,055.00	1,078.00	1,156.00	1,238.00	1,201.00	1,426.00	1,392.00
Price inc. VAT	<b>1,237.20</b>	<b>1,266.00</b>	<b>1,293.60</b>	<b>1,387.20</b>	<b>1,485.60</b>	<b>1,441.20</b>	<b>1,711.20</b>	<b>1,670.40</b>

**AZURE FLAT FGT B200**

Price exc. VAT	402.00	430.00	453.00	521.00	601.00	565.00	754.00	749.00
Price inc. VAT	<b>482.40</b>	<b>516.00</b>	<b>543.60</b>	<b>625.20</b>	<b>721.20</b>	<b>678.00</b>	<b>904.80</b>	<b>898.80</b>

**SKYLIGHT**

						
SIZE (cm)	4555	4573	4890	9048	6565	8585
	45x55	45x73	48x90	90x48	65x65	85x85
Effective light area m <sup>2</sup>	0,207	0,281	0,376	0,376	0,37	0,653

**CONTROL KFE**

Price exc. VAT	159.00	177.50	-	-	221.00	293.00
Price inc. VAT	<b>190.80</b>	<b>213.00</b>	-	-	<b>265.20</b>	<b>351.60</b>

**CONTROL+ KFEU**


















Price exc. VAT	-	183.50	-	-	-	-
Price inc. VAT	-	<b>220.20</b>	-	-	-	-

**CONTROL RED KFERED**

Price exc. VAT	159.00	177.50	-	-	221.00	-
Price inc. VAT	<b>190.80</b>	<b>213.00</b>	-	-	<b>265.20</b>	-

# PRICES

## STANDARD FLASHINGS

																	
SIZE (cm)	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P4A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x98	94x118	94x140	94x160	114x118	114x140	134x98	134x140

### TILE FLASHING KTF

Price exc. VAT	81.50	85.00	87.00	88.00	95.50	92.50	100.00	102.00	111.50	-	102.00	118.00	-	115.00	121.50	118.50	128.00
Price inc. VAT	97.80	102.00	104.40	105.60	114.60	111.00	120.00	122.40	133.80	-	122.40	141.60	-	138.00	145.80	142.20	153.60

### SLATE FLASHING WITH ONE PIECE ELEMENT KLS

Price exc. VAT	81.50	85.00	87.00	88.00	95.50	92.50	100.00	102.00	111.50	-	102.00	118.00	-	115.00	121.50	118.50	128.00
Price inc. VAT	97.80	102.00	104.40	105.60	114.60	111.00	120.00	122.40	133.80	-	122.40	141.60	-	138.00	145.80	142.20	153.60

### UNIVERSAL FLASHING KUF

Price exc. VAT	101.50	104.00	-	102.00	112.00	109.50	113.50	121.00	129.00	117.00	121.00	127.50	132.00	134.00	142.00	135.50	147.50
Price inc. VAT	121.80	124.80	-	122.40	134.40	131.40	136.20	145.20	154.80	140.40	145.20	153.00	158.40	160.80	170.40	162.60	177.00

### FLUSH FLASHING KFF

Price exc. VAT	226.00	231.00	-	234.00	235.00	238.00	245.00	249.00	254.00	-	251.00	-	-	259.00	267.00	266.00	283.00
Price inc. VAT	271.20	277.20	-	280.80	282.00	285.60	294.00	298.80	304.80	-	301.20	-	-	310.80	320.40	319.20	339.60

### PLAIN TILE FLASHING KFP

Price exc. VAT	107.50	112.00	-	112.00	119.50	118.00	122.50	129.00	134.00	-	126.50	-	-	134.00	139.50	137.50	148.00
Price inc. VAT	129.00	134.40	-	134.40	143.40	141.60	147.00	154.80	160.80	-	151.80	-	-	160.80	167.40	165.00	177.60

### UNIVERSAL VINTAGE FLASHING KUF VINT

Price exc. VAT	114.00	124.50	-	-	134.50	127.50	138.50	141.00	-	-	-	-	-	-	-	-	-
Price inc. VAT	136.80	149.40	-	-	161.40	153.00	166.20	169.20	-	-	-	-	-	-	-	-	-

### FLUSH VINTAGE FLASHING KFF VINT

Price exc. VAT	234.00	268.00	-	-	279.00	263.00	286.00	292.00	-	-	-	-	-	-	-	-	-
Price inc. VAT	280.80	321.60	-	-	334.80	315.60	343.20	350.40	-	-	-	-	-	-	-	-	-

### PLAIN TILE VINTAGE FLASHING KFP VINT

Price exc. VAT	133.00	148.50	-	-	157.00	148.50	161.50	165.00	-	-	-	-	-	-	-	-	-
Price inc. VAT	159.60	178.20	-	-	188.40	178.20	193.80	198.00	-	-	-	-	-	-	-	-	-

### SLATE FLASHING KSF

Price exc. VAT	81.50	85.00	87.00	88.00	95.50	92.50	100.00	102.00	111.50	-	102.00	118.00	-	115.00	121.50	118.50	128.00
Price inc. VAT	97.80	102.00	104.40	105.60	114.60	111.00	120.00	122.40	133.80	-	122.40	141.60	-	138.00	145.80	142.20	153.60

### FLAT TILE FLASHING KFT

Price exc. VAT	89.00	92.50	96.50	97.00	104.00	105.00	108.50	113.00	120.00	-	118.50	124.00	-	124.50	133.00	135.00	146.50
Price inc. VAT	106.80	111.00	115.80	116.40	124.80	126.00	130.20	135.60	144.00	-	142.20	148.80	-	149.40	159.60	162.00	175.80

### STANDING SEAM FLASHING KSS

Price exc. VAT	124.00	128.00	-	-	137.00	139.50	142.00	148.00	152.50	-	154.50	158.00	162.00	162.00	173.00	-	-
Price inc. VAT	148.80	153.60	-	-	164.40	167.40	170.40	177.60	183.00	-	185.40	189.60	194.40	194.40	207.60	-	-

### UNIVERSAL FLASHING FOR SLOPED FIXED ROOF WINDOWS KUI

Price exc. VAT	-	-	-	-	-	78.00	-	-	-	-	-	-	-	-	-	-	-
Price inc. VAT	-	-	-	-	-	93.60	-	-	-	-	-	-	-	-	-	-	-

### SLATE FLASHING FOR SLOPED FIXED ROOF WINDOWS KSI

Price exc. VAT	-	-	-	-	-	75.50	-	-	-	-	-	-	-	-	-	-	-
Price inc. VAT	-	-	-	-	-	90.60	-	-	-	-	-	-	-	-	-	-	-


### UNIVERSAL FLASHING FOR VERTICAL FIXED ROOF WINDOWS KUN


Price exc. VAT	-	-	-	-	-	188.50	205.00	212.00	218.00	-	-	-	-	-	-	-	-
Price inc. VAT	-	-	-	-	-	226.20	246.00	254.40	261.60	-	-	-	-	-	-	-	-


### SLATE FLASHING FOR VERTICAL FIXED ROOF WINDOWS KSN


Price exc. VAT	-	-	-	-	-	181.00	196.50	202.00	207.00	-	-	-	-	-	-	-	-
Price inc. VAT	-	-	-	-	-	217.20	235.80	242.40	248.40	-	-	-	-	-	-	-	-


Prices are in €. Delivery mainland.

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

 10 working days delivery time (from manufacturer to merchant)

 8-18 working days delivery time (from manufacturer to merchant)

 Please contact us for current lead times

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

Delivery time is in working days from receipt of orders placed before 12 noon. 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



PRICES

SIZE (cm)	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	94x160	114x118	114x140	134x98	134x140

## COMBI TWIN FLASHING UBX

Price exc. VAT	-	321.00	323.00	-	-	359.00	363.00	366.00	-	-	-	-	-	-	-	-
Price inc. VAT	-	385.20	387.60	-	-	430.80	435.60	439.20	-	-	-	-	-	-	-	-

## COMBI UNIVERSAL FLASHING UCX

13	Distance: E 100 mm F 120 mm G 140 mm	Price exc. VAT	214.00	226.00	-	229.00	252.00	242.00	258.00	270.00	289.00	280.00	306.00	316.00	303.00	322.00	309.00	336.00
		Price inc. VAT	256.80	271.20	-	274.80	302.40	290.40	309.60	324.00	346.80	336.00	367.20	379.20	363.60	386.40	370.80	403.20
2	Distance: E 100 mm F 120 mm G 140 mm	Price exc. VAT	110.50	113.50	-	118.00	126.50	127.00	133.00	141.50	156.00	151.00	159.00	162.00	156.50	167.50	167.00	179.50
		Price inc. VAT	132.60	136.20	-	141.60	151.80	152.40	159.60	169.80	187.20	181.20	190.80	194.40	187.80	201.00	200.40	215.40
46	Distance: E 100 mm F 120 mm G 140 mm	Price exc. VAT	252.00	259.00	-	260.00	273.00	268.00	280.00	288.00	297.00	290.00	-	-	308.00	328.00	314.00	340.00
		Price inc. VAT	302.40	310.80	-	312.00	327.60	321.60	336.00	345.60	356.40	348.00	-	-	369.60	393.60	376.80	408.00
5	Distance: E 100 mm F 120 mm G 140 mm	Price exc. VAT	137.00	137.50	-	139.50	145.00	142.00	147.00	151.00	154.50	151.00	-	-	157.50	157.50	159.00	170.00
		Price inc. VAT	164.40	165.00	-	167.40	174.00	170.40	176.40	181.20	185.40	181.20	-	-	189.00	189.00	190.80	204.00
7	Distance: E 100 mm	Price exc. VAT	137.50	145.00	-	147.50	161.00	154.50	164.00	174.00	186.50	184.00	-	-	191.00	204.00	194.00	213.00
		Price inc. VAT	165.00	174.00	-	177.00	193.20	185.40	196.80	208.80	223.80	220.80	-	-	229.20	244.80	232.80	255.60

## COMBI SLATE FLASHINGS SCX

13	Distance: E 100 mm F 120 mm	Price exc. VAT	192.50	204.00	207.00	206.00	226.00	218.00	232.00	243.00	260.00	252.00	276.00	-	272.00	290.00	279.00	303.00
		Price inc. VAT	231.00	244.80	248.40	247.20	271.20	261.60	278.40	291.60	312.00	302.40	331.20	-	326.40	348.00	334.80	363.60
2	Distance: E 100 mm F 120 mm	Price exc. VAT	118.00	124.50	124.50	124.50	137.50	131.00	140.50	147.50	157.50	152.50	166.50	-	164.00	174.00	168.50	184.00
		Price inc. VAT	141.60	149.40	149.40	149.40	165.00	157.20	168.60	177.00	189.00	183.00	199.80	-	196.80	208.80	202.20	220.80
46	Distance: E 100 mm	Price exc. VAT	236.00	243.00	251.00	246.00	253.00	252.00	259.00	266.00	276.00	268.00	281.00	-	280.00	296.00	288.00	307.00
		Price inc. VAT	283.20	291.60	301.20	295.20	303.60	302.40	310.80	319.20	331.20	321.60	337.20	-	336.00	355.20	345.60	368.40
7	Distance: E 100 mm	Price exc. VAT	122.50	131.50	134.50	134.00	145.00	139.50	148.00	156.00	167.00	165.00	176.50	-	173.50	184.00	174.50	192.50
		Price inc. VAT	147.00	157.80	161.40	160.80	174.00	167.40	177.60	187.20	200.40	198.00	211.80	-	208.20	220.80	209.40	231.00

## COMBI INTERLOCKING FLAT TILE FLASHING FCX

13	Distance: F 120mm	Price exc. VAT	214.00	226.00	-	229.00	251.00	242.00	258.00	270.00	288.00	279.00	-	-	305.00	-	-	-
		Price inc. VAT	256.80	271.20	-	274.80	301.20	290.40	309.60	324.00	345.60	334.80	-	-	366.00	-	-	-
2	Distance: F 120mm	Price exc. VAT	131.00	138.00	-	138.00	152.50	145.00	156.00	163.50	174.50	170.00	-	-	181.50	-	-	-
		Price inc. VAT	157.20	165.60	-	165.60	183.00	174.00	187.20	196.20	209.40	204.00	-	-	217.80	-	-	-

## COMBI STANDING SEAM FLASHING SSC

13	Distance: F 120mm	Price exc. VAT	265.00	273.00	-	-	290.00	296.00	303.00	316.00	323.00	328.00	346.00	-	346.00	-	-	-
		Price inc. VAT	318.00	327.60	-	-	348.00	355.20	363.60	379.20	387.60	393.60	415.20	-	415.20	-	-	-
2	Distance: F 120mm	Price exc. VAT	159.00	164.00	-	-	174.50	177.50	181.00	190.00	194.50	196.50	207.00	-	207.00	-	-	-
		Price inc. VAT	190.80	196.80	-	-	209.40	213.00	217.20	228.00	233.40	235.80	248.40	-	248.40	-	-	-

## COMBI UNIVERSAL FLASHING FOR VERTICA ENERGY UBN

Price exc. VAT	-	-	-	-	-	860.00	908.00	966.00	1,060.00	-	-	-	-	-	-	-	-
Price inc. VAT	-	-	-	-	-	1,032.00	1,089.60	1,159.20	1,272.00	-	-	-	-	-	-	-	-

## COMBI SLATE FLASHING FOR VERTICA ENERGY SBN

















Price exc. VAT	-	-	-	-	-	860.00	908.00	966.00	1,060.00	-	-	-	-	-	-	-	-
Price inc. VAT	-	-	-	-	-	1,032.00	1,089.60	1,159.20	1,272.00	-	-	-	-	-	-	-	-

## COMBI FLASHING FOR SLOPED FIXED ROOF WINDOW XC1

Price exc. VAT	-	-	-	-	-	72.00	-	-	-	-	-	-	-	-	-	-	-
Price inc. VAT	-	-	-	-	-	86.40	-	-	-	-	-	-	-	-	-	-	-

# PRICES

## INSTALLATION ACCESSORIES

SIZE (cm)																
	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
	55×78	55×98	55×118	66×98	66×118	78×98	78×118	78×140	78×160	94×118	94×140	94×160	114×118	114×140	134×98	134×140

### UNDERFELT FOIL COLLAR RUC

Price exc. VAT	32.00	34.00	35.00	35.00	35.00	35.00	37.00	39.00	39.00	39.00	41.00	-	41.00	42.00	41.00	43.00
Price inc. VAT	38.40	40.80	42.00	42.00	42.00	42.00	44.40	46.80	46.80	46.80	49.20	-	49.20	50.40	49.20	51.60

### INSULATION FOAM COLLAR IFC









Price exc. VAT	39.00	39.00	39.00	39.00	39.00	39.00	39.00	39.00	43.00	43.00	43.00	-	43.00	43.00	43.00	43.00
Price inc. VAT	46.80	46.80	46.80	46.80	46.80	46.80	46.80	46.80	51.60	51.60	51.60	-	51.60	51.60	51.60	51.60

### ROOFING VAPOUR BARRIER FOIL RVB

Price exc. VAT	27.50	28.50	-	-	29.50	29.50	31.00	34.00	35.00	-	-	-	35.00	-	-	-
Price inc. VAT	33.00	34.20	-	-	35.40	35.40	37.20	40.80	42.00	-	-	-	42.00	-	-	-

### ROOF WINDOW CLADDING ELEMENTS CLX

Price exc. VAT	38.00	40.50	41.50	41.50	44.00	43.00	45.00	47.50	49.00	48.50	50.50	-	49.00	51.00	55.00	55.00
Price inc. VAT	45.60	48.60	49.80	49.80	52.80	51.60	54.00	57.00	58.80	58.20	60.60	-	58.80	61.20	66.00	66.00

SIZE (cm)								
	0606	0609	0808	0909	0912	1010	1015	1212
	60×60	60×90	80×80	90×90	90×120	100×100	100×150	120×120

### EXTENSION CURB WITH FLANGE FRC-F

Price exc. VAT	281.00	295.00	302.00	332.00	353.00	353.00	410.00	400.00
Price inc. VAT	337.20	354.00	362.40	398.40	423.60	423.60	492.00	480.00









### EXTENSION CURB FRC

Price exc. VAT	281.00	295.00	302.00	332.00	360.00	353.00	410.00	407.00
Price inc. VAT	337.20	354.00	362.40	398.40	432.00	423.60	492.00	488.40

### ROOFING MATERIAL FIXING KIT FAF












Price exc. VAT	61.50	64.50	67.00	70.00	76.50	74.50	85.00	85.00
Price inc. VAT	73.80	77.40	80.40	84.00	91.80	89.40	102.00	102.00

## ACCESSORIES / SPECIAL PRODUCTS

SIZE (cm)								
	0606	0609	0808	0909	0912	1010	1015	1212
	60×60	60×90	80×80	90×90	90×120	100×100	100×150	120×120

### SOLAR BLIND FOR AZURE FLAT ROOF WINDOW FSA


Price exc. VAT	346.00	351.00	356.00	362.00	376.00	369.00	389.00	391.00
Price inc. VAT	415.20	421.20	427.20	434.40	451.20	442.80	466.80	469.20


SIZE (cm)											
	C2A	C6A	F8A	M6A	M10A	P6A	P10A	S6A	S10A	U4A	U10A
	55×78	55×118	66×140	78×118	78×160	94×118	94×160	114×118	114×160	134×98	134×160


### INSECT SCREEN ZIA


Price exc. VAT	104.50	123.50	137.00	137.50	163.50	150.00	174.00	170.00	199.00	176.00	212.00
Price inc. VAT	125.40	148.20	164.40	165.00	196.20	180.00	208.80	204.00	238.80	211.20	254.40


Prices are in £. Delivery mainland.

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

 10 working days delivery time (from manufacturer to merchant)

 8-18 working days delivery time (from manufacturer to merchant)

 Please contact us for current lead times

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

Delivery time is in working days from receipt of orders placed before 12 noon. 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.



## ACCESSORIES / SPECIAL PRODUCTS

SIZE [cm]	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
	55×78	55×98	55×118	66×98	66×118	78×98	78×118	78×140	78×160	94×118	94×140	94×160	114×118	114×140	134×98	134×140

**BLACKOUT BLIND I. DUA** - 4208 White, 4212 Dark Blue, 4219 Beige

Price exc. VAT	73.00	78.00	85.50	85.00	89.50	87.00	91.50	98.50	110.50	103.50	108.00	114.00	115.00	129.00	118.00	132.00
Price inc. VAT	87.60	93.60	102.60	102.00	107.60	104.40	109.80	118.20	132.60	124.20	129.60	136.80	138.00	154.80	141.60	158.40

**BLACKOUT BLIND II. DUA** - 4232 Petrol Blue, 4233 Yellow, 4249 Black, 4217 Grey, 4213 Red
















Price exc. VAT	86.50	91.00	99.00	98.00	103.00	100.00	105.00	112.00	124.00	116.50	121.50	132.00	128.50	142.00	130.50	145.00
Price inc. VAT	103.80	109.20	118.80	117.60	123.60	120.00	126.00	134.40	148.80	139.80	145.80	158.40	154.20	170.40	156.60	174.00

**VENETIAN BLIND PAA**

Price exc. VAT	90.50	95.50	106.00	103.50	110.00	104.50	110.00	121.00	135.00	127.00	131.50	139.50	141.00	158.00	144.50	160.50
Price inc. VAT	108.60	114.60	127.20	124.20	132.00	125.40	132.00	145.20	162.00	152.40	157.80	167.40	169.20	189.60	173.40	192.60

**SOLAR ROLLER SHUTTER SSR**

Price exc. VAT	573.00	616.00	633.00	633.00	660.00	654.00	687.00	725.00	758.00	742.00	780.00	823.00	796.00	856.00	785.00	916.00
Price inc. VAT	687.60	739.20	759.60	759.60	792.00	784.80	824.40	870.00	909.60	890.40	936.00	987.60	955.20	1,027.20	942.00	1,099.20

															
SIZE [cm]	55×78	CXA 55×98	55×118	FXA 66×98 66×118		78×98	MXA 78×118 78×140		78×160	94×118	PXA 94×140	114×118	SXA 114×140	134×98	UXA 134×140

**ROLLER BLIND RHA**

Price exc. VAT	57.50	64.50	79.00	75.00	92.50	95.50
Price inc. VAT	69.00	77.40	94.80	90.00	111.00	114.60

**ANTI-HEAT BLIND MIA**

Price exc. VAT	71.50	81.00	92.50	93.50	116.50	119.00
Price inc. VAT	85.80	97.20	111.00	112.20	139.80	142.80

**SAFETY LOCK SLK100**

Price exc. VAT	79.50
Price inc. VAT	95.40

**ELECTRIC OPENER AMC100**

Price exc. VAT	363.00
Price inc. VAT	435.60

**TELESCOPIC OPENER ROD ZCA200**

Price exc. VAT	38.70
Price inc. VAT	46.44

SIZE [cm]	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
	55×78	55×98	55×118	66×98	66×118	78×98	78×118	78×140	78×160	94×118	94×140	94×160	114×118	114×140	134×98	134×140
Effective light area m²	0,220	0,295	0,369	0,382	0,478	0,476	0,597	0,730	0,851	0,757	0,926	1,080	0,953	1,165	0,919	1,407

**SECURE WHITE KAA B10100**

Price exc. VAT	525.00	607.00	-	-	-	625.00	643.00	725.00	-	713.00	772.00	-	783.00	848.00	-	-
Price inc. VAT	630.00	728.40	-	-	-	750.00	771.60	870.00	-	855.60	926.40	-	939.60	1,017.60	-	-

**SMOKE VENT ENERGY KAS B1600**

Price exc. VAT	-	-	-	-	-	942.00	1,014.00	1,078.00	-	-	-	-	1,201.00	1,238.00	1,178.00	1,344.00
Price inc. VAT	-	-	-	-	-	1,130.40	1,216.80	1,293.60	-	-	-	-	1,441.20	1,485.60	1,413.60	1,612.80

**SMOKE VENT WHITE KAS B1010**

Price exc. VAT	-	-	-	-	-	896.00	961.00	1,019.00	-	-	-	-	1,132.00	1,173.00	1,109.00	1,249.00
Price inc. VAT	-	-	-	-	-	1,075.20	1,153.20	1,222.80	-	-	-	-	1,358.40	1,407.60	1,330.80	1,498.80

**SMOKE VENT WINDOW WIND DEFLECTOR KWU**

Price exc. VAT	-	-	-	-	-	731.00	790.00	846.00	-	-	-	-	848.00	920.00	848.00	966.00
Price inc. VAT	-	-	-	-	-	877.20	948.00	1,015.20	-	-	-	-	1,017.60	1,104.00	1,017.60	1,159.20

**CONTROL SYSTEM KFX210**

Price exc. VAT	1,140.00
Price inc. VAT	1,368.00

**CONTROL UNIT KFC 210 220**

Price exc. VAT	967.00	1,257.00
Price inc. VAT	1,160.40	1,508.40

**BREAK-GLASS POINT KFK 100**

Price exc. VAT	117.50
Price inc. VAT	141.00

**COMFORT SWITCH KFK200**

Price exc. VAT	75.40
Price inc. VAT	90.48

**SMOKE DETECTOR KFA 100**

Price exc. VAT	118.50
Price inc. VAT	142.20

**RAIN SENSOR KLA 200**

Price exc. VAT	83.00
Price inc. VAT	99.60



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