

# ROOF WINDOW PRODUCT CATALOGUE

VALID FROM 1ST MAY 2024



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.



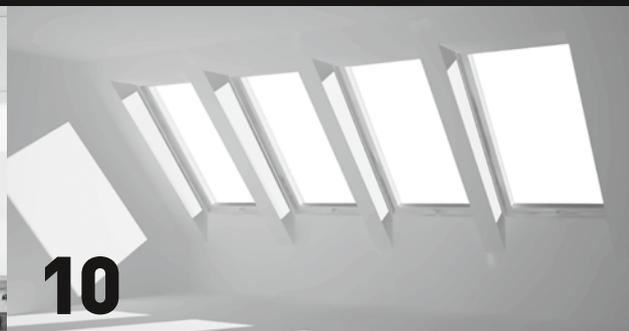
## **INVESTORS AND DEVELOPERS**

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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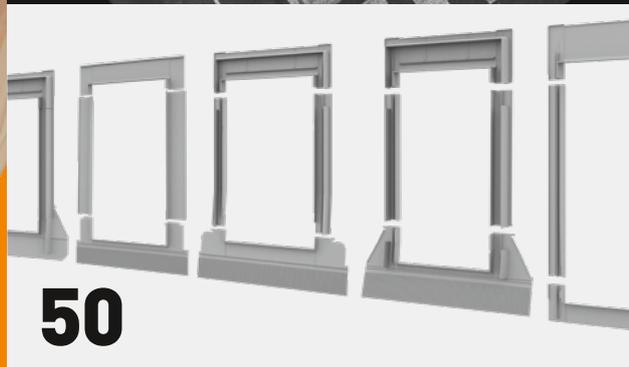
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DAKEA  
QUALITY



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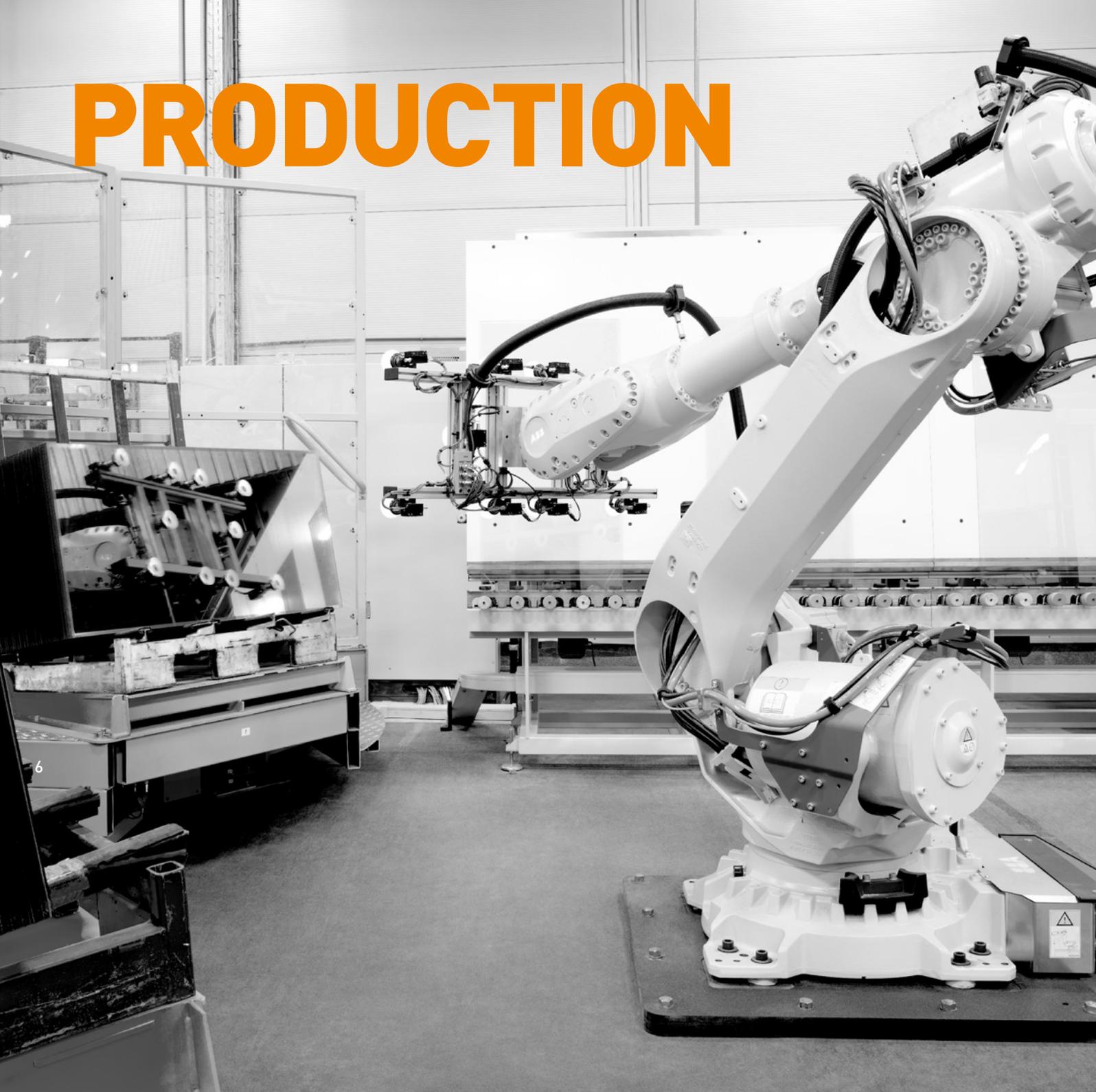
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GUARANTEE,  
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# PRODUCTION



**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.



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# 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 ROOF 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 roof 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 roof 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

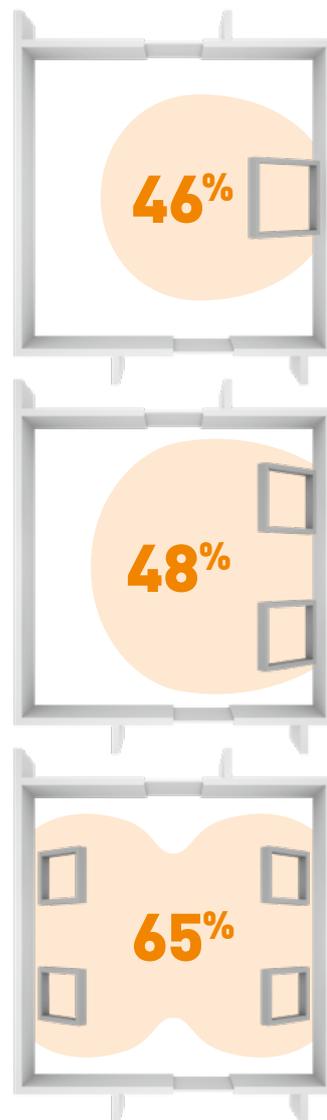
Air is the most essential element needed to sustain life. The overall health of your body and mind depends to a major degree on the amount of pure, fresh air breathed.

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.



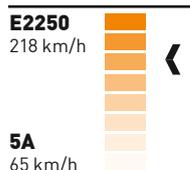
## HOW MANY ROOF WINDOWS DO I NEED? >

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

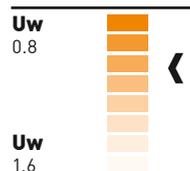
## WATER TIGHTNESS



**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.

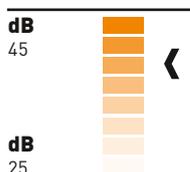
## THERMAL TRANSMITTANCE



**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.

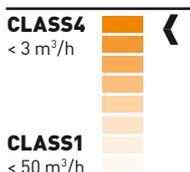
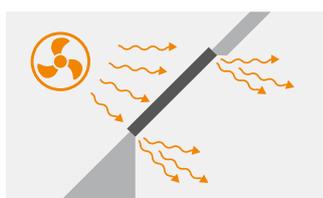
## SOUND REDUCTION



**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



**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:**

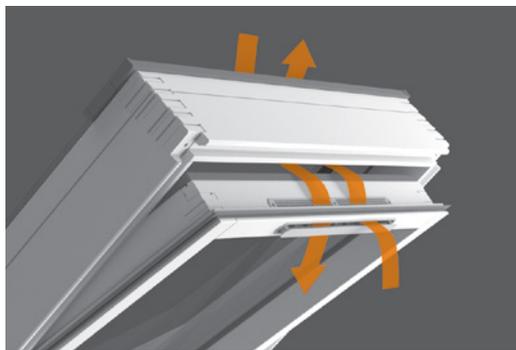
XX m<sup>2</sup>

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

XX m<sup>2</sup> x 20%

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

WINDOW CODE	NOMINAL EXTERNAL FRAME SIZE cm	EFFECTIVE GLASS/ DAYLIGHT AREA m <sup>2</sup>
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<sub>w</sub> 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 18, 20**



## 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 & 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:

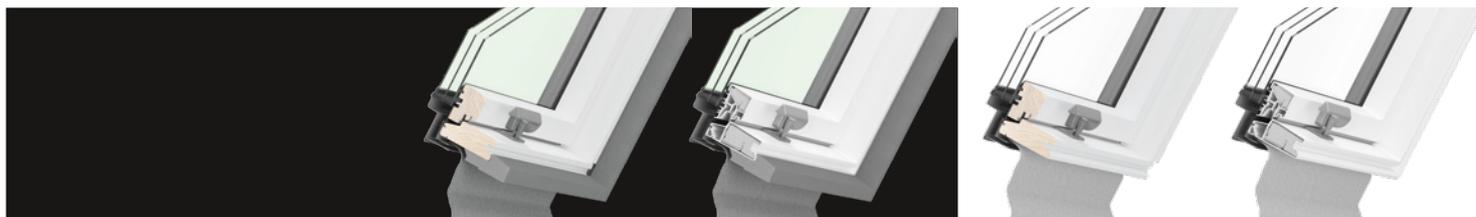
### GOOD

**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	KEV B1800 / KEV 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

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\* 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> KAV B1000 / KAV B1010	<b>BETTER SAFE PVC</b> KPV B1000	<b>BETTER VIEW</b> KHV B1000 / KHV B1010	<b>GOOD</b> KAV B900 / KAV B910	<b>GOOD PVC</b> KPV B900
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.


**ESCAPE**

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


**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.


**COMFORT GLASS**

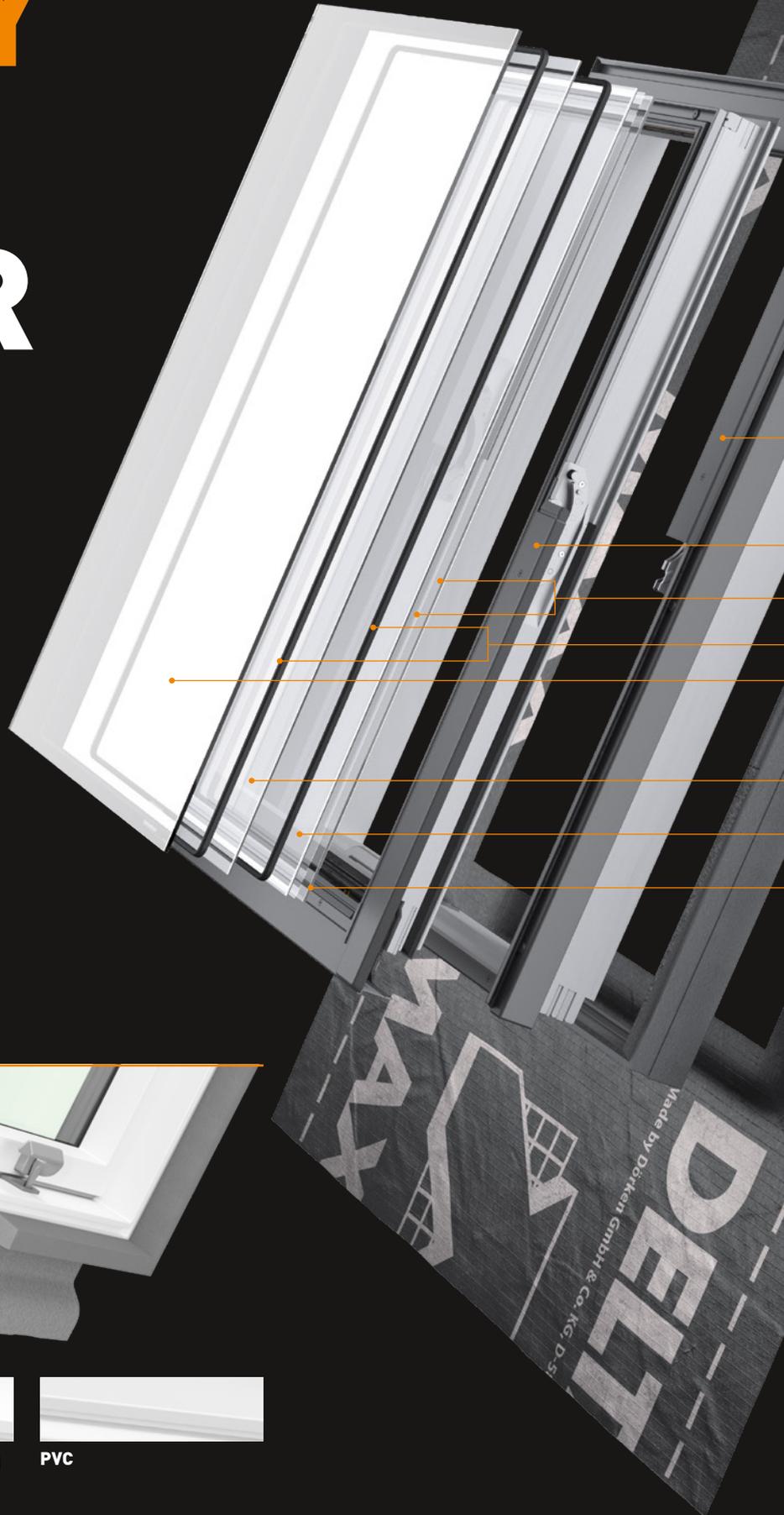
Ultima windows with comfort glass keeps your home warm in winter and prevents overheating in summer. That means your rooms will be a pleasure to be in all year around.


**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.

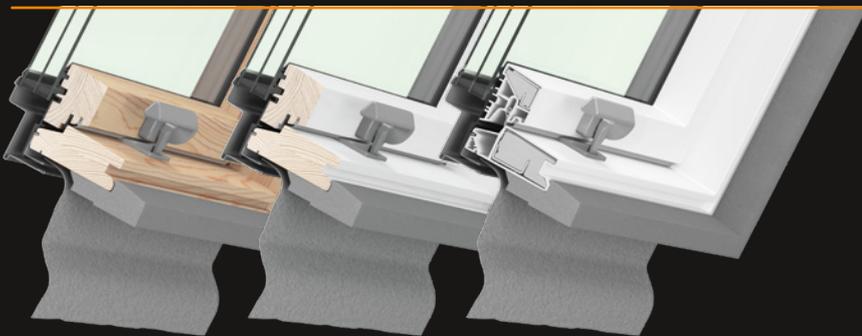
# ULTIMA ENERGY SIMPLY BETTER

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## ULTIMA ENERGY

-  COMFORT GLASS
-  NOISE BLOCK
-  ENERGY +
-  SAFE GUARD
-  QUICK INSTALL



CLASSIC WOODEN FINISH

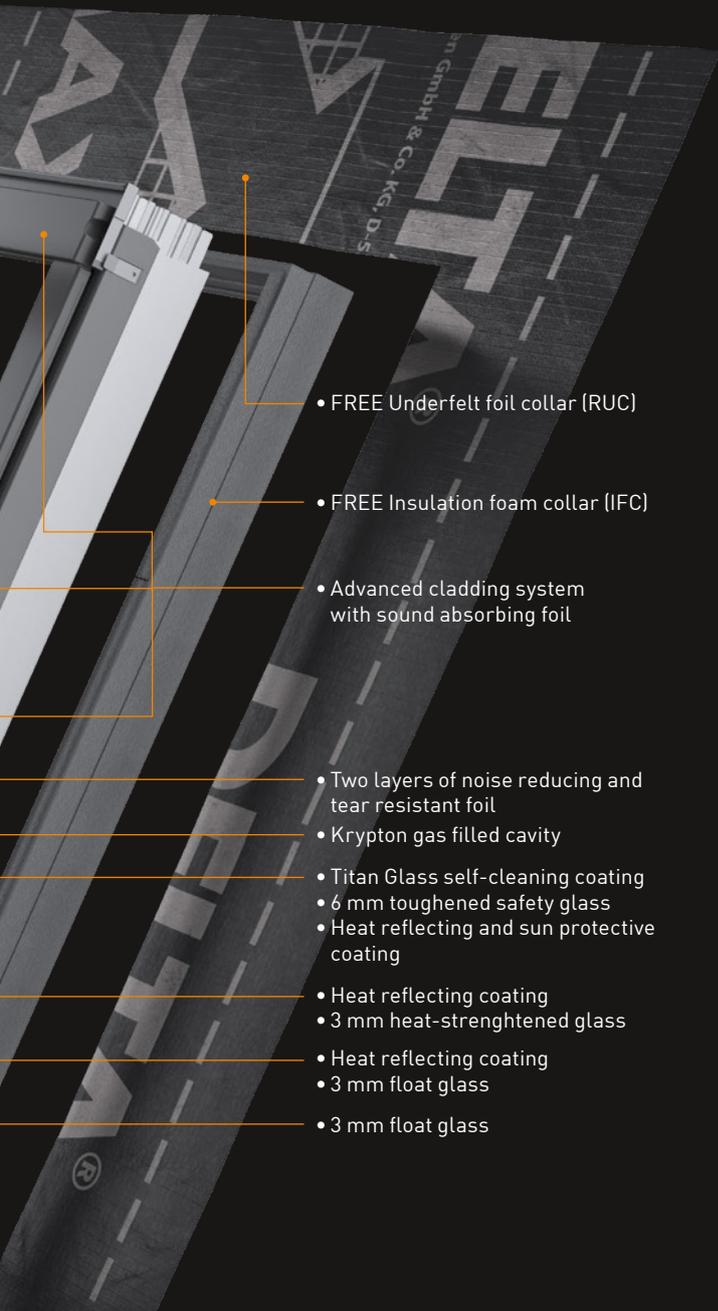


WHITE PAINTED WOODEN FINISH



PVC





- 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


**NOISE BLOCK**

## 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 GLASS**

## COMFORT

### COMFORT GLASS

The glass and coatings used in Ultima Energy roof 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.


**QUICK INSTALL**

## 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.


**SAFE GUARD**

## 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


**ENERGY +**

## 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

# ULTIMA ENERGY



KEV B1800/B1810

$U_w$  0.99 W/m<sup>2</sup>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,  $U_w = 0.99$  W/m<sup>2</sup>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)**



Scan for more



**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

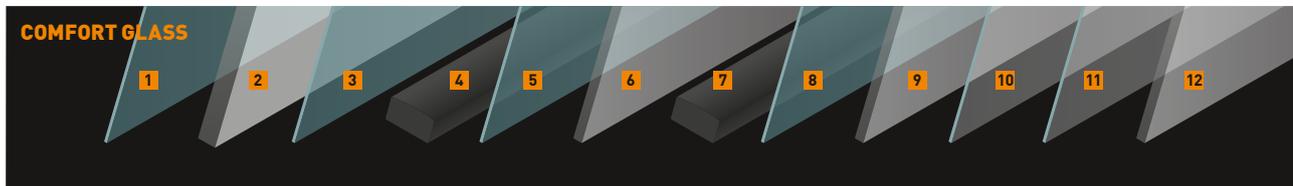


## TECHNICAL PARAMETERS

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

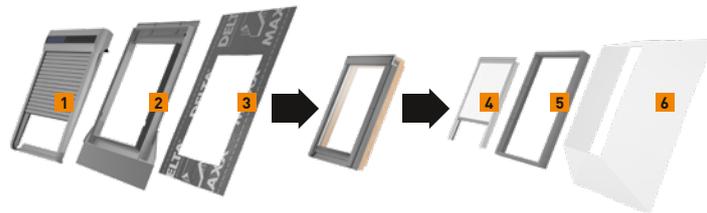
## PANE CONSTRUCTION



**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. 61
2. Flashing - p. 50
3. Underfelt foil collar (RUC) **FREE** - p. 56
4. Blinds - p. 58
5. Insulation foam collar (IFC) **FREE** - p. 57
6. Roofing vapour barrier foil (RVB) - p. 56
- Other comfort accessories - p. 60



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 W/m<sup>2</sup>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,  $U_w = 1.0$  W/m<sup>2</sup>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)**



Scan for more



**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

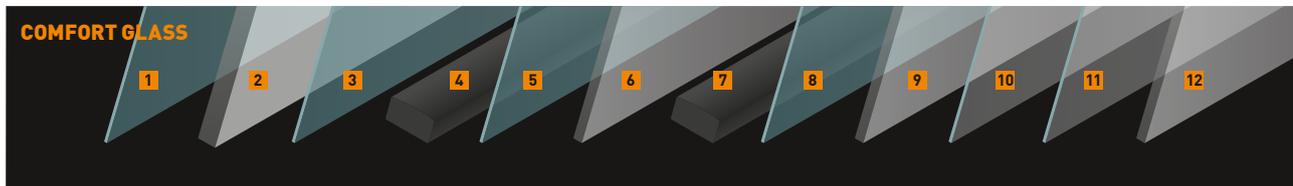


## TECHNICAL PARAMETERS

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

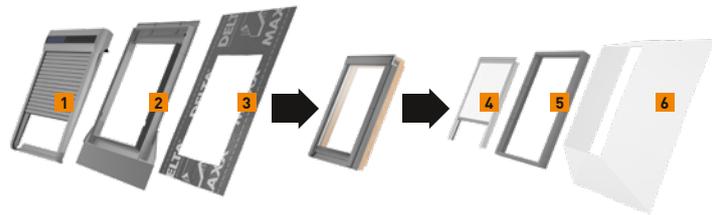
## PANE CONSTRUCTION



**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. 61
  2. Flashing - p. 50
  3. Underfelt foil collar (RUC) **FREE** - p. 56
  4. Blinds - p. 58
  5. Insulation foam collar (IFC) **FREE** - p. 57
  6. Roofing vapour barrier foil (RVB) - p. 56
- Other comfort accessories - p. 60



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



22

- 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. 66
- **FREE UNDERFELT FOIL COLLAR (RUC)**



Scan for more



**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**

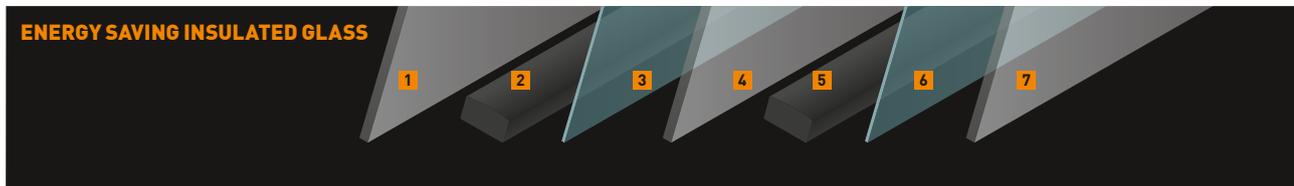
**BETTER ENERGY WHITE KAV B1510**


## TECHNICAL PARAMETERS

PANE		WINDOW	
Variant	15	U <sub>w</sub> (W/m <sup>2</sup> K)	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/m <sup>2</sup> K)	0.77		
Total solar energy transmittance	0.55		

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

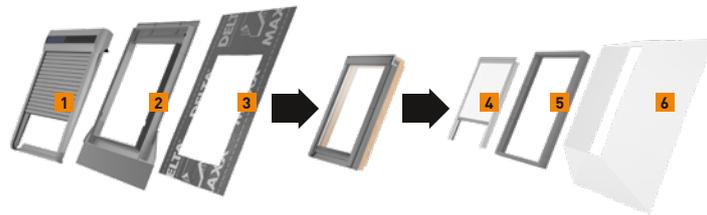
## PANE CONSTRUCTION



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. 61
2. Flashing - p. 50
3. Underfelt foil collar (RUC) **FREE** - p. 56
4. Blinds - p. 58
5. Insulation foam collar (IFC) - p. 57
6. Roofing vapour barrier foil (RVB) - p. 56
- Other comfort accessories - p. 60



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 KAV B1500</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	-	✓	✓	✓	✓
<b>BETTER ENERGY WHITE KAV B1510</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	-	✓	✓	✓	✓

# BETTER ENERGY PVC



KPV B1500

$U_w$  1.1 W/m<sup>2</sup>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,  $U_w = 1,1$  W/m<sup>2</sup>K
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE (10+10 YEARS) - p. 66
- **FREE UNDERFELT FOIL COLLAR (RUC)**



Scan for more



**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 +



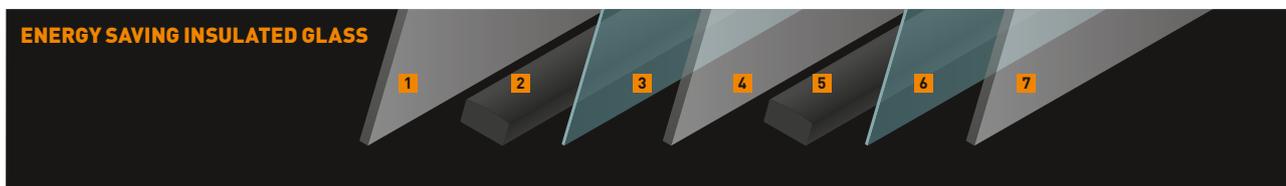

**BETTER ENERGY PVC KPVB1500**


## TECHNICAL PARAMETERS

PANE		WINDOW	
Variant	15	U <sub>w</sub> (W/m <sup>2</sup> K)	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/m <sup>2</sup> K)	0.77		
Total solar energy transmittance	0.55		

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

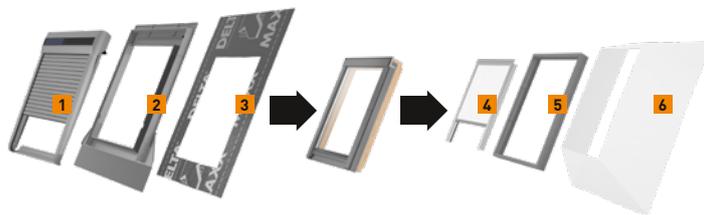
## PANE CONSTRUCTION



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

## ASSOCIATED PRODUCTS

1. Solar roller shutter (SSR) - p. 61
2. Flashing - p. 50
3. Underfelt foil collar (RUC) **FREE** - p. 56
4. Blinds - p. 58
5. Insulation foam collar (IFC) - p. 57
6. Roofing vapour barrier foil (RVB) - p. 56
- Other comfort accessories - p. 60



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 KPVB1500</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. 66
- **FREE UNDERFELT FOIL COLLAR (RUC)**



Scan for more



**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**

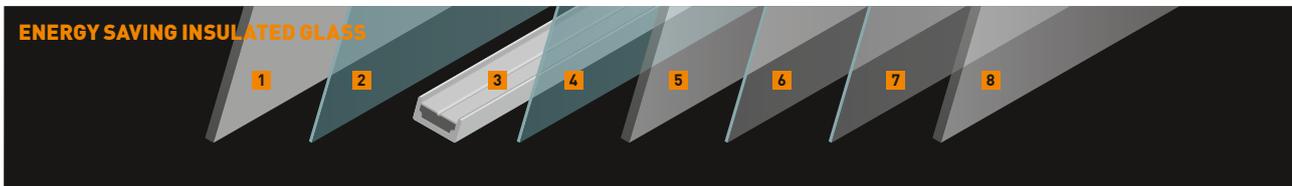
**BETTER SAFE WHITE KAV B1010**


## TECHNICAL PARAMETERS

PANE		WINDOW	
Variant	10	U <sub>w</sub> (W/m <sup>2</sup> K)	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/m <sup>2</sup> K)	1.0		
Total solar energy transmittance	0.52		

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

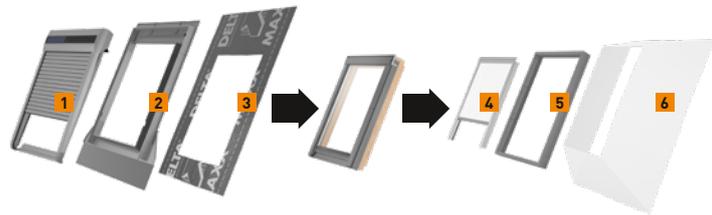
## PANE CONSTRUCTION



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. 61
2. Flashing - p. 50
3. Underfelt foil collar (RUC) **FREE** - p. 56
4. Blinds - p. 58
5. Insulation foam collar (IFC) - p. 57
6. Roofing vapour barrier foil (RVB) - p. 56
- Other comfort accessories - p. 60



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 W/m<sup>2</sup>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,  $U_w = 1,3$  W/m<sup>2</sup>K
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE (10+10 YEARS) - p. 66
- **FREE UNDERFELT FOIL COLLAR (RUC)**



Scan for more

 **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



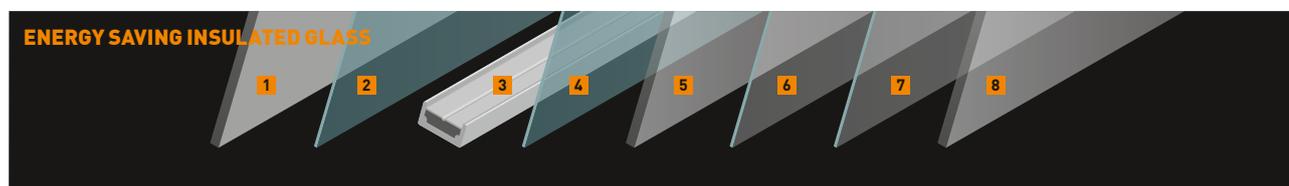

**BETTER SAFE PVC KPV B1000**


## TECHNICAL PARAMETERS

PANE		WINDOW	
Variant	10	U <sub>w</sub> (W/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		

\* sizes M10A, U4A: npd

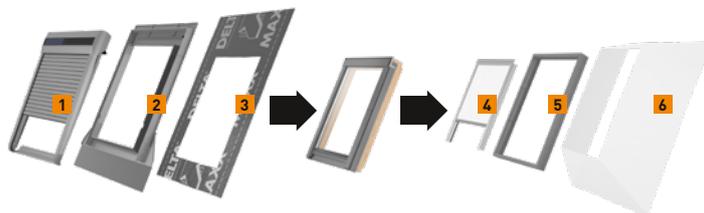
## PANE CONSTRUCTION



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. 61
  2. Flashing - p. 50
  3. Underfelt foil collar (RUC) **FREE** - p. 56
  4. Blinds - p. 58
  5. Insulation foam collar (IFC) - p. 57
  6. Roofing vapour barrier foil (RVB) - p. 56
- Other comfort accessories - p. 60



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 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,  $U_w = 1,3$  W/m<sup>2</sup>K
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE (10+10 YEARS) - p. 66



Scan for more



## 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





# GOOD



**KAV B900/B910**

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

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

- CENTRE PIVOT CLASSIC ROOF WINDOW
- AVAILABLE IN NATURAL OR WHITE PAINTED PINE
- TOUGHENED EXTERNAL GLASS WITH A LIFETIME GUARANTEE AGAINST HAIL DAMAGE
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE (10+10 YEARS) - **p. 66**
- AVAILABLE WITH BBA CERTIFICATION ON REQUEST



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**LIGHT &  
FRESH AIR**

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



**NEXT 20  
GUARANTEE**



**MASTER WOOD**



**MAX PROTECT**



**THERMOSTAT**




**GOOD KAV B900**

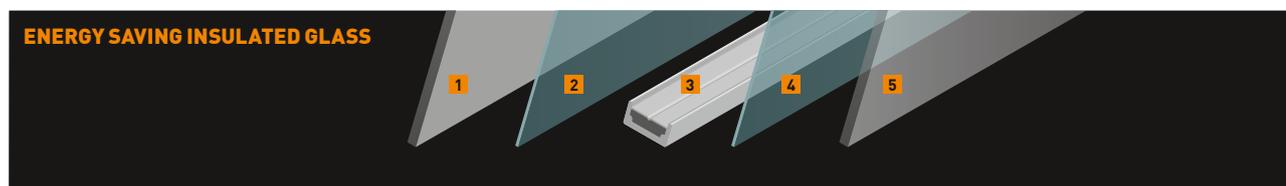
**GOOD WHITE KAV B910**


## 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		

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

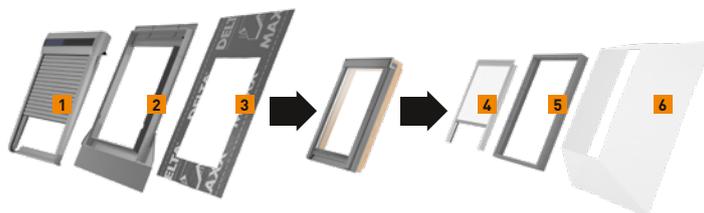
## PANE CONSTRUCTION



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. 51
2. Flashing - p. 50
3. Underfelt foil collar (RUC) - p. 56
4. Blinds - p. 58
5. Insulation foam collar (IFC) - p. 57
6. Roofing vapour barrier foil (RVB) - p. 56
- Other comfort accessories - p. 60



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>GOOD KAV B900</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	-	✓	✓	✓	✓
<b>GOOD WHITE KAV B910</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

# GOOD PVC



KPV B900

$U_w$  1.3 W/m<sup>2</sup>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,  $U_w = 1.3$  W/m<sup>2</sup>K
- VENTILATION VALVE AND TWO VENTILATION POSITIONS VIA HANDLE
- 20 YEAR GUARANTEE (10+10 YEARS) - p. 66



Scan for more

 **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



THERMOSTAT



GOOD PVC KPVB900

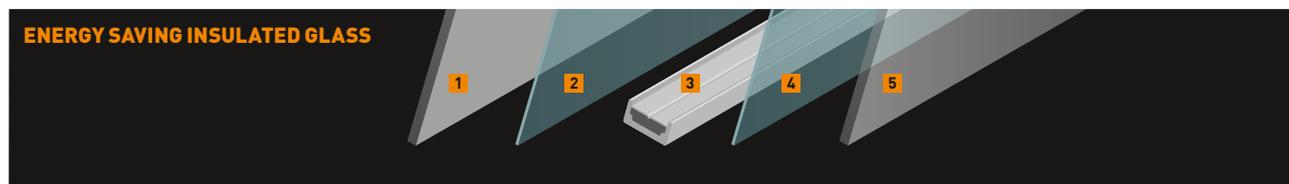


## TECHNICAL PARAMETERS

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

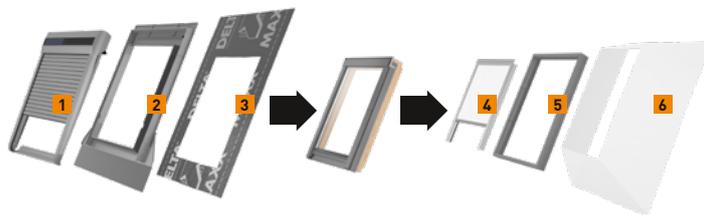
## PANE CONSTRUCTION



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. 61
  2. Flashing - p. 50
  3. Underfelt foil collar (RUC) - p. 56
  4. Blinds - p. 58
  5. Insulation foam collar (IFC) - p. 57
  6. Roofing vapour barrier foil (RVB) - p. 56
- Other comfort accessories - p. 60



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>GOOD PVC KPVB900</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	-	-	✓	-	✓	-

# 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. 66



Scan for more

 **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



# OPAQUE



KAV B3300/B3310 KPV B3300

$U_w$  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. 66



NEXT 20  
GUARANTEE



MASTER WOOD



MAX PROTECT



EASY CLEAN  
PVC



Scan for more


**OPAQUE KAV B3300**

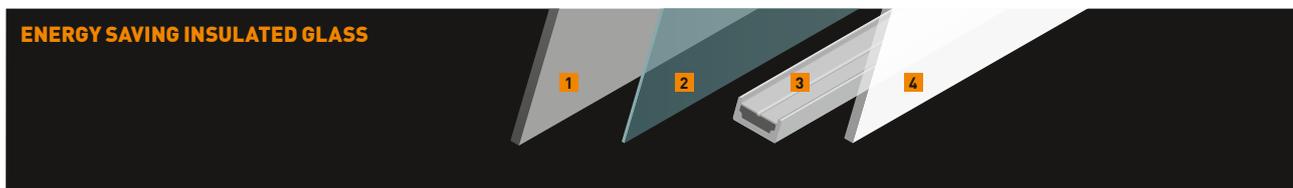
**OPAQUE WHITE KAV B3310**

**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		

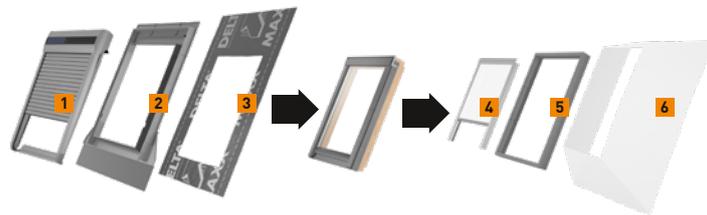
## PANE CONSTRUCTION



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. 61
2. Flashing - p. 50
3. Underfelt foil collar (RUC) - p. 56
4. Blinds - p. 58
5. Insulation foam collar (IFC) - p. 57
6. Roofing vapour barrier foil (RVB) - p. 56
- Other comfort accessories - p. 60



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>	✓	✓	✓	-	✓	✓	✓	-	-	-	-	-	-	-	-	-	-

# 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. 66



NEXT 20  
GUARANTEE



MASTER WOOD



MAX PROTECT



THERMOSTAT



SAFE GUARD



ENERGY +



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**VERTICA ENERGY KAN B1600**

**VERTICA ENERGY WHITE KAN B1610**


THE VERTICAL FIXED WINDOW IS NOT SUITABLE FOR INDIVIDUAL INSTALLATION!

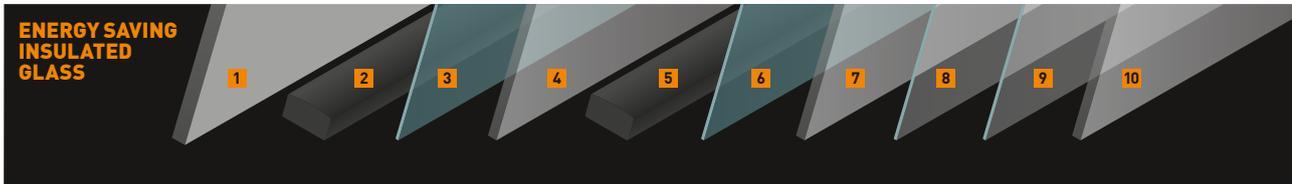
THE SIZE OF THE FLASHING IS DETERMINED BY THE SIZE OF THE OPENABLE WOODEN ROOF WINDOW INSTALLED ABOVE THE FIXED WINDOW.



## 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



**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  
KAN B1500 / B1510

For combi solution go page 53.

**SLATE FLASHING**      **UNIVERSAL FLASHING**

\*\*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/m<sup>2</sup>K**



**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. 66



Scan for more



NEXT 20  
GUARANTEE



MASTER WOOD



MAX PROTECT



QUICK INSTALL



SAFE GUARD



THERMOSTAT



ENERGY +


**VISION ENERGY KAI B1600**

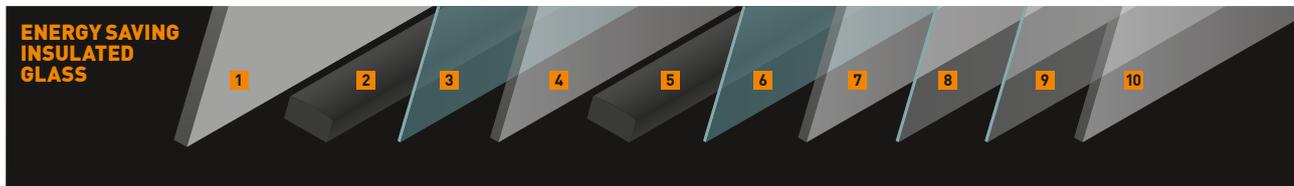
**VISION ENERGY WHITE KAI B1610**


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 <sub>w</sub> [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 <sub>g</sub> [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, 9:** 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 53.

**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</b> KAI B1600	✓
<b>VISION ENERGY WHITE</b> KAI B1610	✓

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

# ACCESS ENERGY



**KXL B1600**



INSTALLED IN A PITCH OF  
BETWEEN 15 AND 85 DEGREES



- GAS STRUT ASSISTS OPENING AND CLOSING THE SASH SMOOTHLY
- THE SPECIAL GAS STRUT FIXES THE SASH IN OPENED POSITION
- SIDE-HUNG OPERATED WINDOW (DEFAULT RIGHT FROM OUTSIDE, CAN BE MOUNTED TO LEFT-HUNG)
- THANKS TO THE HINGE-GUIDE YOU CAN EASILY EXCHANGE THE SASH WITH LIMITED NUMBER OF STAFF
- HANDLE IS LOCATED ON THE SIDE SASH
- FULLY OPENED SASH OPERATES AS A HANDRAIL
- LAMINATED, TRIPLE PANE
- 36 dB INCREASED SOUND INSULATION
- POSSIBLE TO INSTALL INTO COMBI IN CASE OF SAME DIMENSIONS
- $U_w = 1,1 \text{ W/m}^2\text{K}$
- 10 YEAR GUARANTEE



Scan for more

 **LIGHT & FRESH AIR**

**RECOMMENDED USE:** Designed to provide safe access to the roof from hallways and living space areas.



MASTER WOOD



MAX PROTECT



THERMOSTAT



ENERGY +




**ACCESS ENERGY KXL B1600**


ONLY INTERNAL BLINDS CAN BE MOUNTED INSIDE TO PROVIDE SHADING! EXTERNAL AWNING, ROLLER SHUTTER AND ELECTRICS ARE NOT COMPATIBLE WITH THIS PRODUCT.

## TECHNICAL PARAMETERS

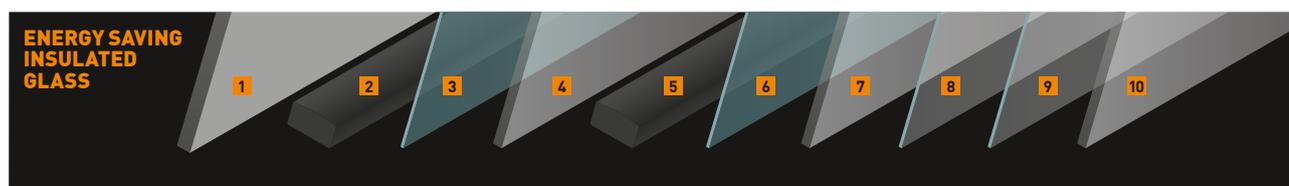
PANE		WINDOW	
Variant	16	U <sub>w</sub> (W/m <sup>2</sup> K)	1.1
Construction	33.2-10-3HS-10-4H	Water tightness	E1350
Thickness of glazing (mm)	33	Air permeability	Class 4
Low E	✓✓	Resistance to wind load	Class C4
Gas	Argon	Sound reduction [dB]	36 [-1; -3] dB
Toughened	✓		
Laminated	✓		
U <sub>g</sub>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

FREE OPENING AREA			
CODE	NOMINAL SIZE	FREE OPENING AREA	
		WIDTH	HEIGHT
KXL F4A	66×98	54	90
KXL F6A	66×118	54	110
KXL M4A	78×98	66	90
KXL M6A	78×118	66	110
KXL M8A	78×140	66	132
KXL P6A	94×118	82	110



**FREE OPENING AREA**  
Easy to reach roof area thanks to the side-hung operation.

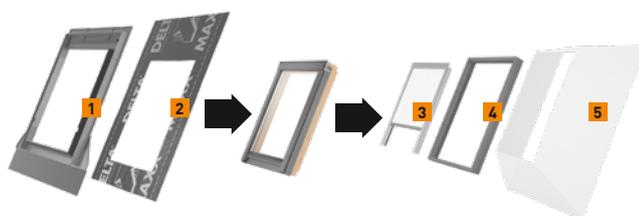
## PANE CONSTRUCTION



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

1. Flashing - p. 50
  2. Underfelt foil collar (RUC) - p. 56
  3. Blinds - p. 58
  4. Insulation foam collar (IFC) - p. 57
  5. Roofing vapour barrier foil (RVB) - p. 56
- Other comfort accessories - p. 60



## 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>ACCESS ENERGY KXL B1600</b>	-	-	-	✓	✓	✓	✓	✓	-	-	✓	-	-	-	-	-	-

# SKYLIGHT



KFE/KFE U



INSTALLED IN A PITCH OF  
BETWEEN 15 AND 60 DEGREES



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



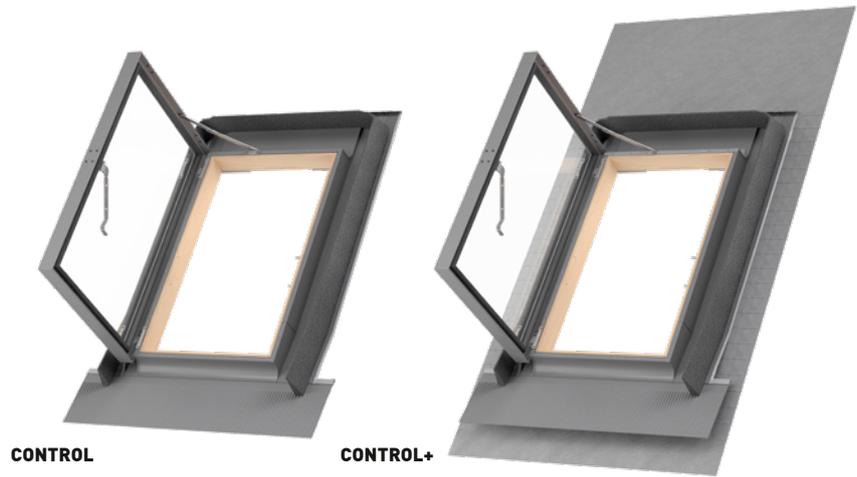
Scan for more

 **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
<b>FEATURES</b>	<b>4555, 4573, 6565</b>	<b>8585</b>	<b>4555, 4573, 6565</b>	<b>4573</b>
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 KFE	CONTROL KFE RED	CONTROL+ KFE U
4555, 4573, 6565, 8585	4555, 4573, 6565	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	Default set to open to right but can be changed to left

## AVAILABLE SIZES

Size   cm	KFE 4555	KFE 4573	KFE 6565	KFE 8585	Size   cm	KFE 4555 RED	KFE 4573 RED	KFE 6565 RED	Size   cm	KFE 4573 U
	45x55	45x73	65x65	85x85		45x55	45x73	65x65		45x73
<b>CONTROL KFE</b>	✓	✓	✓	✓	<b>CONTROL RED KFE RED</b>	✓	✓	✓	<b>CONTROL+ KFE U</b>	✓

# 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



Scan for more



## 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>SECURE WHITE KAQ B1010Q</b>	✓	✓	-	-	-	✓	✓	✓	-	-	✓	✓	-	✓	✓	-	-



## 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.



Scan for more

## AVAILABLE SIZES

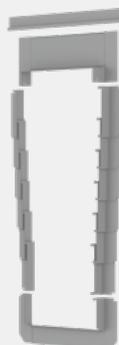
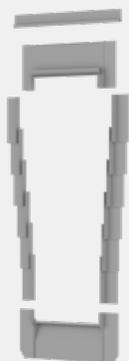
Size   cm	C2A	C4A	C6A	F4A	F6A	M4A	M6A	M8A	M10A	P4A	P6A	P8A	P10A	S6A	S8A	U4A	U8A
	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x98	94x118	94x140	94x160	114x118	114x140	134x98	134x140
<b>SMOKE VENT KAS B1010 / B1600</b>	-	-	-	-	-	✓	✓	✓	-	-	-	-	-	✓	✓	✓	✓

# 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.**



50



## **KFF / KFF VINT.**

### **FLUSH FLASHING**

For recessed installation of single roof window into slate profile height 16 mm (2x8 mm). The 40 mm deeper installation offers better energy performance and aesthetical benefits. Suitable for a roof pitch range of 20° - 90°.

**Roofing material:**  
slates up to 8 mm

**Parts**

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

## **KSF**

### **SLATE FLASHING**

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

**Roofing material:**  
natural slates, manufactured slates, shingle, 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.**

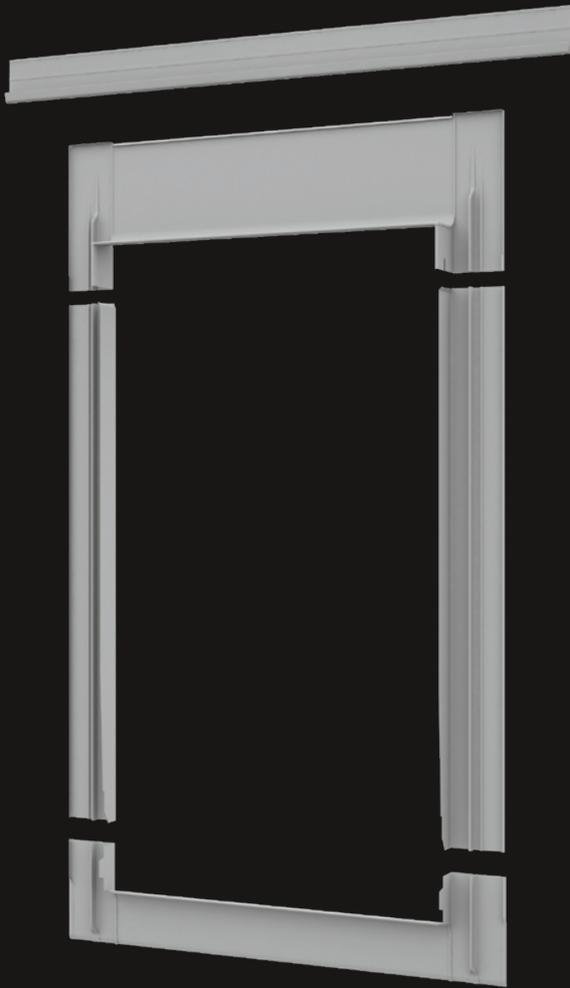
### **UNIVERSAL FLASHING**

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**

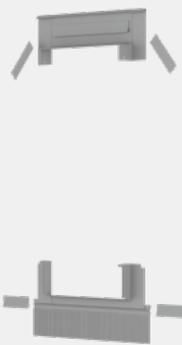
- Upper element
- 2 pcs of side parts
- Bottom element
- Drainage gutter

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.



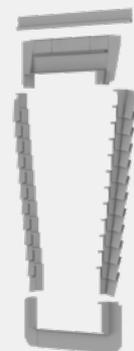
16-50 mm



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

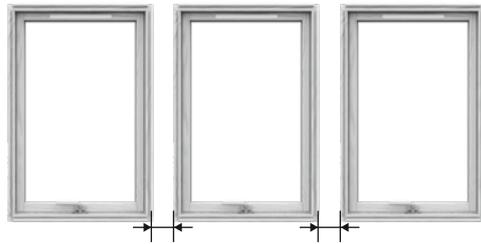
IF THE CUSTOMERS WANT TO INSTALL MORE THAN ONE WINDOW NEXT TO ONE ANOTHER OR ABOVE ONE ANOTHER, THEY HAVE TO USE THE SPECIAL FLASHING COMBINATION KIT.

## KEY POINTS FOR THE PERFECT CHOICE

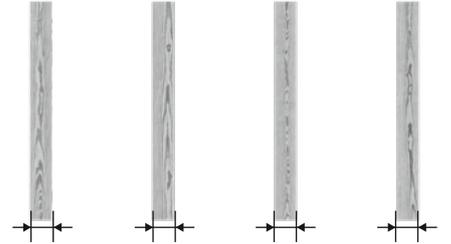
What is the size of the windows?



What is the required distance between the windows?

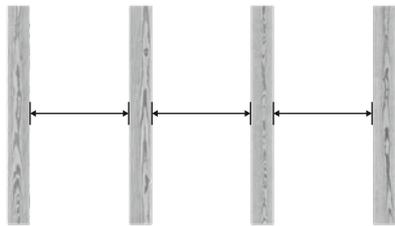


What is the size of the rafters?

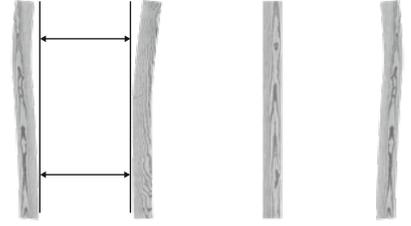


52

What is the distance between the rafters?

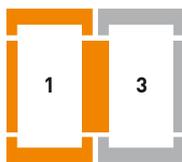


Are the rafters straight and parallel?

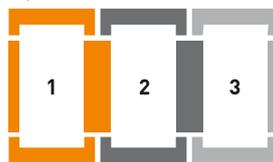


## CONTENT OF COMBI FLASHING BOXES

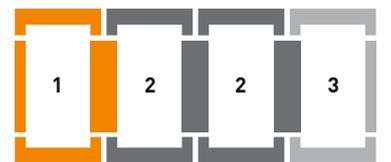
For 2 windows positioned besides each other  
e.g. **UCX M4A 13F**



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



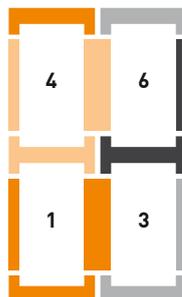
For 4 windows positioned besides each other  
e.g. **UCX M4A 13F, 2x UCX M4A 2F**



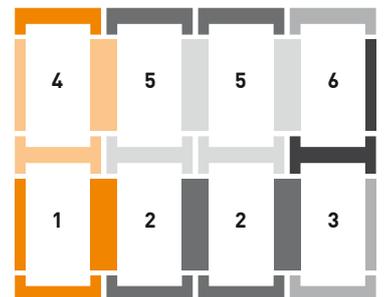
For 2 windows positioned on top of each other  
e.g.  
**KUF M4A, UCX M4A 7E**



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



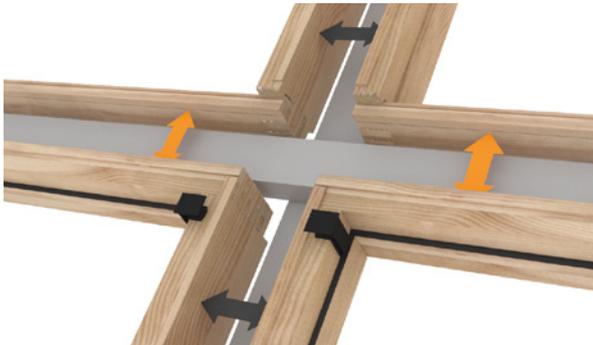
COMBI SLATE FLASHING  
SCX MXA13E\*\*  
KSI M4A  
XCI M4A



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:

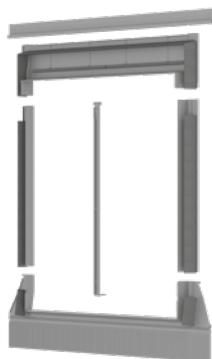
**E: 100 mm**



**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!**



# 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



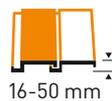
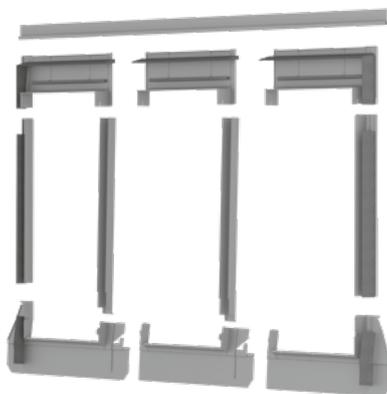
## XCI

### 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



## FCX

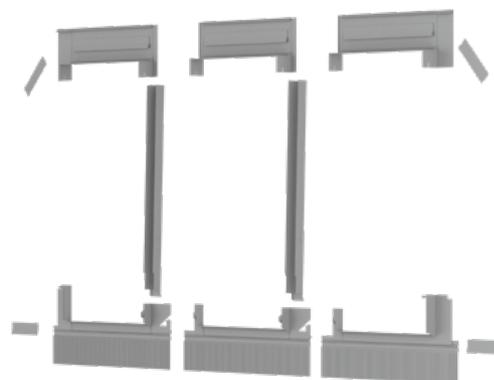
### COMBI INTERLOCKING FLAT TILE FLASHING

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.



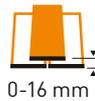
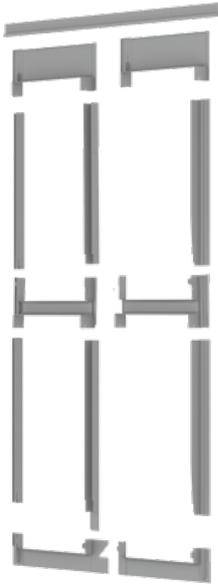
## SSC

### 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.


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

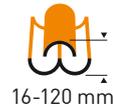
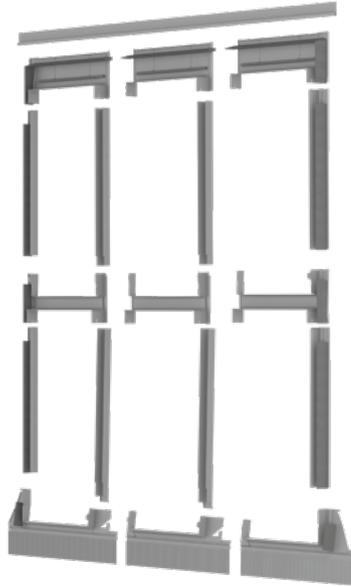
Suitable for installation of more than one window next to one another or above one another.

**Roofing material**

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

**Parts**

- Parts depend on the type of the installation


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

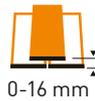
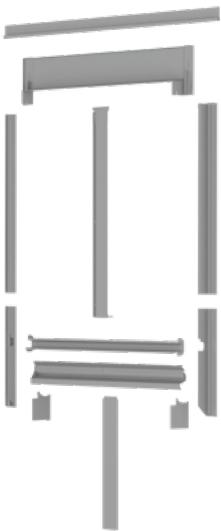
Suitable for installation of more than one window next to one another or above one another.

**Roofing material**

universal solution for high tiles between 16-120 mm

**Parts**

- Parts depend on the type of the installation


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

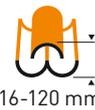
Suitable for installation for two VERTICA ENERGY (KAN type) roof windows, besides each other with 120 mm distance between them.

**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


**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

56



## 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.

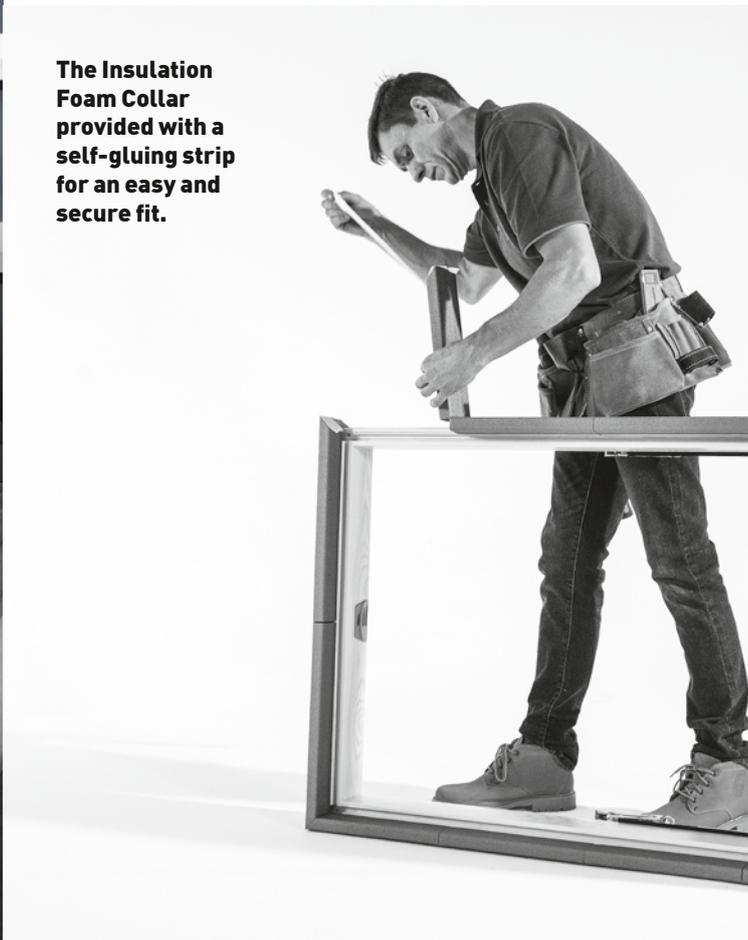


**100%  
WATER TIGHT  
INSTALLATION**



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

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



**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/m<sup>2</sup>K (based on CSTB calculation)
- 2 year guarantee



4208  
White



4232  
Petrol Blue



4212  
Dark Blue



4249  
Black



4219  
Beige



4204  
Light grey



4217  
Grey



4230  
Sand



#### WHAT DOES MULTIFIT MEAN?

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

# 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

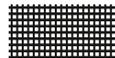
## MIA

### 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



**4388**  
White



**4260**  
Black

MIA Anti-heat blinds are compatible with roof windows by Dakea, DAKSTRA, RoofLITE®, except KAN, KAI, KAS and KXL roof windows.



**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.

# COMFORT ACCESSORIES

## EASY REACH

### ZCA

#### TELESCOPIC OPENER ROD

- The telescopic opener rod can be used for all Dakea roof windows
- The opener rod makes it possible to open / close the window or the ventilation valve and operate the blackout blind or venetian blind when the window is out of reach.
- Can be extended from 100 cm up to 180 cm maximum length.



## INCREASED SAFETY



### SLK100

#### SAFETY LOCK

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



### AMC100

#### ELECTRIC OPENER

Provides the comfort and ease of automated roof window operation. The device is also equipped with a rain sensor for automatic closing when it rains.

An easy and flexible solution which removes the need of having to reach up to operate the roof window. Perfect for windows in difficult to reach positions. Remote control operation only. After installation the window may not be manually operated.

This opener also comes with a 2-year guarantee.

#### One complete roof window opener set includes:

- a motor unit with all electrical connections
- a rain sensor
- a remote controller
- screws
- mounting brackets

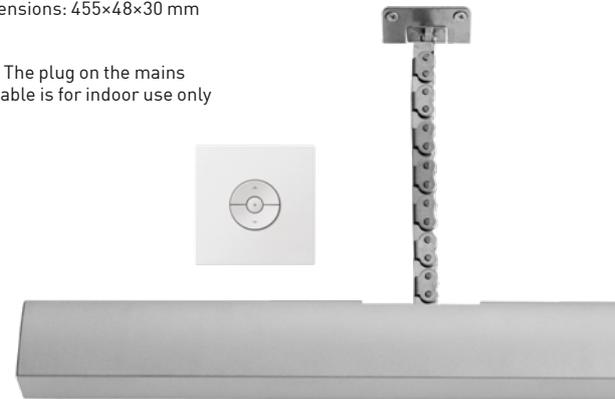
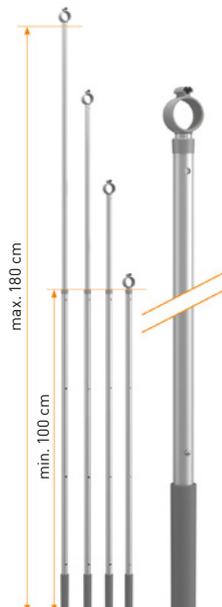
The motor is placed at the bottom of the window frame and will operate the opening and closing of the window.

The product is compatible with products with the io-homecontrol® system.

#### Technical data

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

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



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



## EXTERNAL PROTECTION



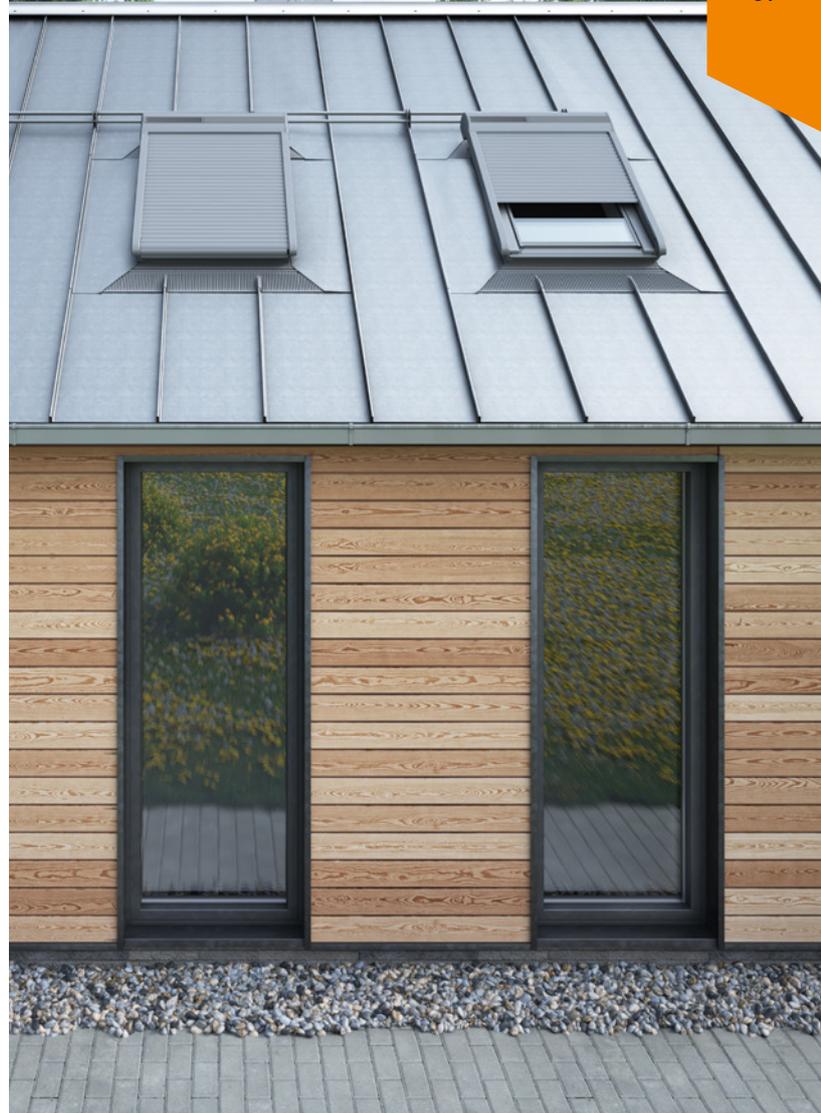
### SSR

#### 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 pane)
- 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 Better View (KHV), Vision Energy (KAI), Vertica Energy (KAN), Smoke Vent Energy (KAS), and Access Energy windows (KXL).



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



# AZURE



FRF B600 / FRE B600

$U_{rc,ref300}$  0.87 W/m<sup>2</sup>K

$A_{rc,ref300}$  3.4 m<sup>2</sup>



INSTALLED IN A PITCH OF  
BETWEEN 2 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

\* 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.



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Scan for more

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	4H(-)-4-14,5-33.2	$A_{rc,ref300}$ : (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

## 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.

**FAF**

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

**FSA**

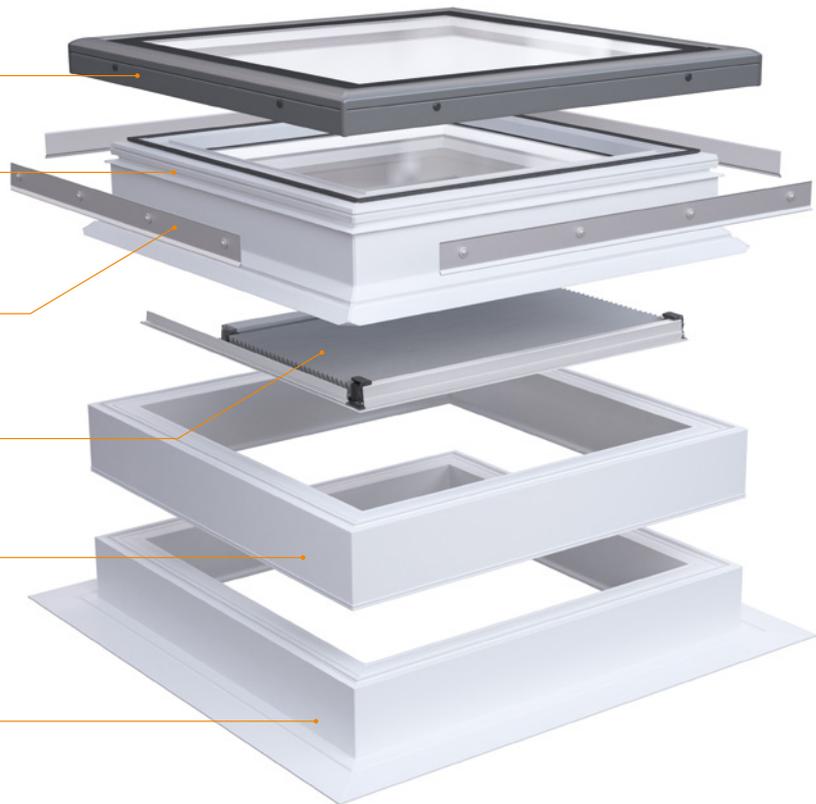
**Optional accessory**  
Solar operated blind for flat roof windows

**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.

**FRC..F**

**Optional installation accessory**  
Frame extension with flange - 16 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

**AZURE FIXED FRF B600**
**AZURE ELECTRIC FRE B600**
**AZURE FLAT - GLASS TOP UNIT FGT B200**

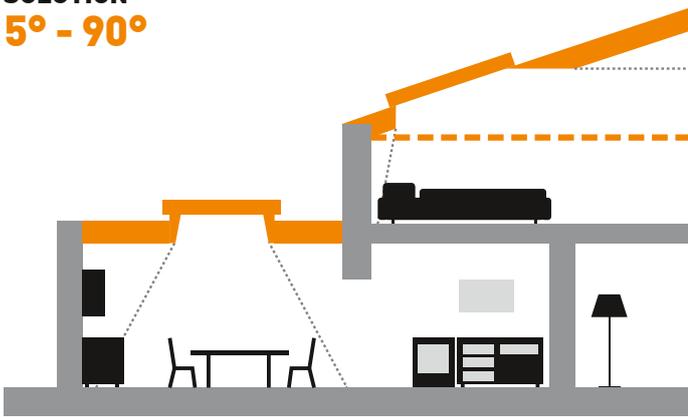
✓   ✓   ✓   ✓   ✓   ✓   ✓   ✓

# QUICK INSTALLATION GUIDE

## BEFORE INSTALLATION

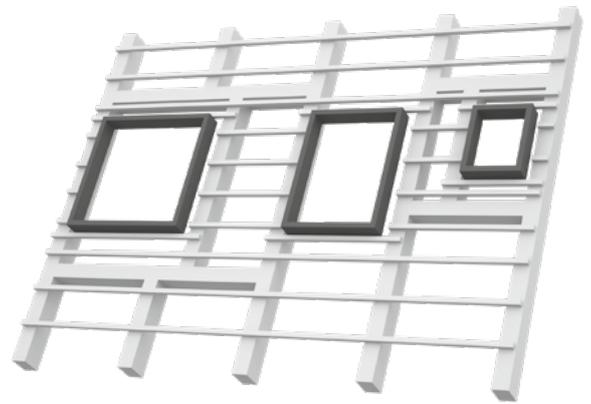
### WHAT IS THE ROOF PITCH?

DAKEA SOLUTION  
5° - 90°



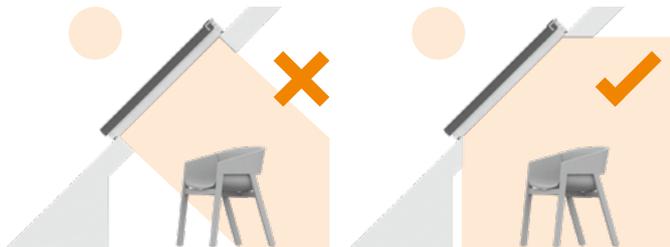
### CUTTING THE RAFTERS & DISTANCE BETWEEN THE RAFTERS

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



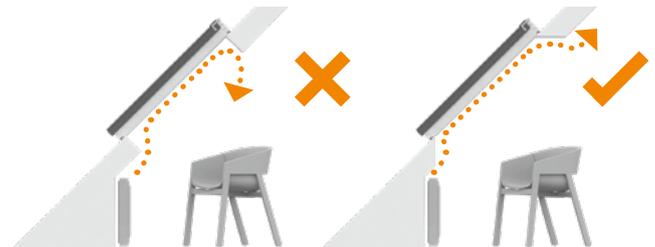
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### SHAPING THE INTERNAL LINING MAXIMISE THE LIGHT



 **CORRECT INSTALLATION IS ESSENTIAL**

### MINIMISE THE CONDENSATION

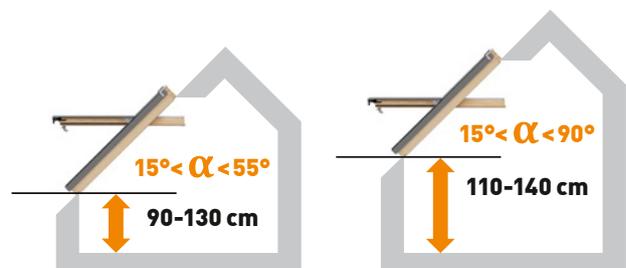


Incorrectly splayed reveals trap warm air and may cause condensation.

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 videos 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

## ALTATERRA'S PARTNER TEST INSTITUTES

### ÉMI

Noise reduction, fire resistance

### IFT ROSENHEIM

U-value, air permeability, water tightness

### CSI

U-value, surface temperature



The mark of responsible forestry

# PRICES

## ROOF WINDOWS

																	
SIZE (cm)	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x98	94x118	94x140	94x160	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	0,604	0,757	0,926	1,080	0,953	1,165	0,919	1,407

### ULTIMA ENERGY KEY B1800

Price exc. VAT	501.00	529.00	-	-	615.00	582.00	658.00	738.00	835.00	-	752.00	848.00	-	863.00	-	-	-
Price inc. VAT	601.20	634.80	-	-	738.00	698.40	789.60	885.60	1,002.00	-	902.40	1,017.60	-	1,035.60	-	-	-

### ULTIMA ENERGY WHITE KEY B1810

Price exc. VAT	501.00	529.00	-	-	615.00	582.00	658.00	738.00	835.00	-	752.00	848.00	-	863.00	-	-	-
Price inc. VAT	601.20	634.80	-	-	738.00	698.40	789.60	885.60	1,002.00	-	902.40	1,017.60	-	1,035.60	-	-	-

### ULTIMA ENERGY PVC KEP B1800

Price exc. VAT	633.00	650.00	-	-	753.00	720.00	778.00	875.00	981.00	-	887.00	1,016.00	-	1,023.00	-	-	-
Price inc. VAT	759.60	780.00	-	-	903.60	864.00	933.60	1,050.00	1,177.20	-	1,064.40	1,219.20	-	1,227.60	-	-	-

### BETTER ENERGY KAV B1500

Price exc. VAT	462.00	482.00	494.00	504.00	541.00	513.00	564.00	611.00	699.00	-	611.00	699.00	-	718.00	792.00	724.00	895.00
Price inc. VAT	554.40	578.40	592.80	604.80	649.20	615.60	676.80	733.20	838.80	-	733.20	838.80	-	861.60	950.40	868.80	1,074.00

### BETTER ENERGY WHITE KAV B1510

Price exc. VAT	462.00	482.00	494.00	504.00	541.00	513.00	564.00	611.00	699.00	-	611.00	699.00	-	718.00	792.00	724.00	895.00
Price inc. VAT	554.40	578.40	592.80	604.80	649.20	615.60	676.80	733.20	838.80	-	733.20	838.80	-	861.60	950.40	868.80	1,074.00

### BETTER ENERGY PVC KPV B1500

Price exc. VAT	492.00	519.00	537.00	551.00	604.00	560.00	632.00	706.00	815.00	-	706.00	822.00	-	840.00	-	810.00	-
Price inc. VAT	590.40	622.80	644.40	661.20	724.80	672.00	758.40	847.20	978.00	-	847.20	986.40	-	1,008.00	-	972.00	-

### BETTER VIEW KHV B1000

Price exc. VAT	-	482,00	-	-	542,00	514,00	565,00	612,00	-	-	-	-	-	-	-	-	-
Price inc. VAT	-	578,40	-	-	650,40	616,80	678,00	734,40	-	-	-	-	-	-	-	-	-

### BETTER VIEW WHITE KHV B1010

Price exc. VAT	-	482,00	-	-	542,00	514,00	565,00	612,00	700,00	-	-	-	-	-	-	-	-
Price inc. VAT	-	578,40	-	-	650,40	616,80	678,00	734,40	840,00	-	-	-	-	-	-	-	-

### BETTER SAFE KAV B1000

Price exc. VAT	361,00	380,00	396,00	404,00	441,00	413,00	465,00	515,00	598,00	-	515,00	601,00	-	621,00	657,00	594,00	730,00
Price inc. VAT	433,20	456,00	475,20	484,80	529,20	495,60	558,00	618,00	717,60	-	618,00	721,20	-	745,20	788,40	712,80	876,00

### BETTER SAFE WHITE KAV B1010

Price exc. VAT	361,00	380,00	396,00	404,00	441,00	413,00	465,00	515,00	598,00	-	515,00	601,00	-	621,00	657,00	594,00	730,00
Price inc. VAT	433,20	456,00	475,20	484,80	529,20	495,60	558,00	618,00	717,60	-	618,00	721,20	-	745,20	788,40	712,80	876,00

### BETTER SAFE PVC KPV B1000

Price exc. VAT	445.00	472.00	524.00	501.00	545.00	530.00	575.00	637.00	746.00	-	637.00	-	-	778.00	-	740.00	-
Price inc. VAT	534.00	566.40	628.80	601.20	654.00	636.00	690.00	764.40	895.20	-	764.40	-	-	933.60	-	888.00	-

### GOOD KAV B900

Price exc. VAT	333.00	352.00	368.00	376.00	410.00	383.00	433.00	479.00	555.00	-	479.00	559.00	-	575.00	608.00	551.00	670.00
Price inc. VAT	399.60	422.40	441.60	451.20	492.00	459.60	519.60	574.80	666.00	-	574.80	670.80	-	690.00	729.60	661.20	804.00

### GOOD WHITE KAV B910

Price exc. VAT	333.00	352.00	368.00	376.00	410.00	383.00	433.00	479.00	555.00	433.00	479.00	559.00	590.00	575.00	608.00	551.00	670.00
Price inc. VAT	399.60	422.40	441.60	451.20	492.00	459.60	519.60	574.80	666.00	519.60	574.80	670.80	708.00	690.00	729.60	661.20	804.00

### GOOD PVC KPV B900

Price exc. VAT	418.00	444.00	493.00	471.00	514.00	495.00	542.00	599.00	695.00	-	599.00	-	-	720.00	-	695.00	-
Price inc. VAT	501.60	532.80	591.60	565.20	616.80	594.00	650.40	718.80	834.00	-	718.80	-	-	864.00	-	834.00	-

### CONSERVATION KCV B901

Price exc. VAT	388,00	408,00	-	-	472,00	443,00	498,00	552,00	-	-	-	-	-	-	-	-	-
Price inc. VAT	465,60	489,60	-	-	566,40	531,60	597,60	662,40	-	-	-	-	-	-	-	-	-

### CONSERVATION WHITE KCV B911

Price exc. VAT	388,00	408,00	-	-	472,00	443,00	498,00	552,00	-	-	-	-	-	-	-	-	-
Price inc. VAT	465,60	489,60	-	-	566,40	531,60	597,60	662,40	-	-	-	-	-	-	-	-	-

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.

<b>SIZE</b> (cm)	<b>C2A</b> 55×78	<b>C4A</b> 55×98	<b>C6A</b> 55×118	<b>F4A</b> 66×98	<b>F6A</b> 66×118	<b>M4A</b> 78×98	<b>M6A</b> 78×118	<b>M8A</b> 78×140	<b>M10A</b> 78×160	<b>P6A</b> 94×118	<b>P8A</b> 94×140	<b>S6A</b> 114×118	<b>S8A</b> 114×140	<b>U4A</b> 134×98	<b>U8A</b> 134×140
<b>Effective light area m<sup>2</sup></b>	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	446.00	468.00	485.00	-	557.00	528.00	593.00	-	-	-	-	-	-	-	-
Price inc. VAT	<b>535.20</b>	<b>561.60</b>	<b>582.00</b>	-	<b>668.40</b>	<b>633.60</b>	<b>711.60</b>	-	-	-	-	-	-	-	-

**OPAQUE WHITE KAV B3310**

Price exc. VAT	446.00	468.00	485.00	-	557.00	528.00	593.00	-	-	-	-	-	-	-	-
Price inc. VAT	<b>535.20</b>	<b>561.60</b>	<b>582.00</b>	-	<b>668.40</b>	<b>633.60</b>	<b>711.60</b>	-	-	-	-	-	-	-	-

**OPAQUE PVC KPV B3300**

Price exc. VAT	509.00	554.00	579.00	-	638.00	620.00	693.00	-	-	-	-	-	-	-	-
Price inc. VAT	<b>610.80</b>	<b>664.80</b>	<b>694.80</b>	-	<b>765.60</b>	<b>744.00</b>	<b>831.60</b>	-	-	-	-	-	-	-	-

## FIXED ROOF WINDOWS

<b>SIZE</b> (cm)	<b>M4A</b> 78×98
<b>Effective light area m<sup>2</sup></b>	0,476

**VISION ENERGY KAI B1600**

Price exc. VAT	565.00
Price inc. VAT	<b>678.00</b>

**VISION ENERGY WHITE KAI B1610**

Price exc. VAT	565.00
Price inc. VAT	<b>678.00</b>

<b>SIZE</b> (cm)	<b>M31A</b> 78×60	<b>M34A</b> 78×96
<b>Effective light area m<sup>2</sup></b>	0,227	0,441

**VERTICA ENERGY KAN B1600**

Price exc. VAT	581.00	632.00
Price inc. VAT	<b>697.20</b>	<b>758.40</b>

**VERTICA ENERGY WHITE KAN B1610**

Price exc. VAT	581.00	632.00
Price inc. VAT	<b>697.20</b>	<b>758.40</b>

## FLAT ROOF WINDOWS

<b>SIZE</b> (cm)	<b>0606</b> 60×60	<b>0609</b> 60×90	<b>0808</b> 80×80	<b>0909</b> 90×90	<b>0912</b> 90×120	<b>1010</b> 100×100	<b>1015</b> 100×150	<b>1212</b> 120×120
<b>Effective light area m<sup>2</sup></b>	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	1,073.00	1098.00	1,122.00	1203.00	1288.00	1250.00	1484.00	1448.00
Price inc. VAT	<b>1,287.60</b>	<b>1317.60</b>	<b>1,346.40</b>	<b>1443.60</b>	<b>1545.60</b>	<b>1500.00</b>	<b>1780.80</b>	<b>1737.60</b>

**AZURE FLAT FGT B200**

Price exc. VAT	419.00	448.00	472.00	542.00	626.00	588.00	785.00	779.00
Price inc. VAT	<b>502.80</b>	<b>537.60</b>	<b>566.40</b>	<b>650.40</b>	<b>751.20</b>	<b>705.60</b>	<b>942.00</b>	<b>934.80</b>

## SKYLIGHT

<b>SIZE</b> (cm)	<b>4555</b> 45×55	<b>4573</b> 45×73	<b>6565</b> 65×65	<b>8585</b> 85×85
<b>Effective light area m<sup>2</sup></b>	0,207	0,281	0,37	0,653

**CONTROL KFE**

Price exc. VAT	197.50	201.00	230.00	250.00
Price inc. VAT	<b>237.00</b>	<b>241.20</b>	<b>276.00</b>	<b>300.00</b>

**CONTROL+ KFE U**

Price exc. VAT	-	198.50	-	-
Price inc. VAT	-	<b>238.20</b>	-	-

**CONTROL RED KFE RED**

Price exc. VAT	197.50	201.00	230.00	-
Price inc. VAT	<b>237.00</b>	<b>241.20</b>	<b>276.00</b>	-

# PRICES

## STANDARD FLASHINGS

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

### TILE FLASHING KTF

Price exc. VAT	85.00	88.50	90.50	92.00	99.50	96.50	104.00	106.50	116.00	-	106.50	123.00	-	120.00	126.50	123.50	133.50
Price inc. VAT	102.00	106.20	108.60	110.40	119.40	115.80	124.80	127.80	139.20	-	127.80	147.60	-	144.00	151.80	148.20	160.20

### SLATE FLASHING KSF

Price exc. VAT	85.00	88.50	90.50	92.00	99.50	96.50	104.00	106.50	116.00	-	106.50	123.00	-	120.00	126.50	123.50	133.50
Price inc. VAT	102.00	106.20	108.60	110.40	119.40	115.80	124.80	127.80	139.20	-	127.80	147.60	-	144.00	151.80	148.20	160.20

### UNIVERSAL FLASHING KUF

Price exc. VAT	102,00	104,00	-	104,50	113,00	114,00	116,00	126,00	135,50	123,00	127,50	135,50	140,00	139,50	149,50	144,00	153,50
Price inc. VAT	122,40	124,80	-	125,40	135,60	136,80	139,20	151,20	162,60	147,60	153,00	162,60	168,00	167,40	179,40	172,80	184,20

### 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	112.00	116.50	-	116.50	124.50	123.00	127.50	134.50	139.50	-	132.00	-	-	139.50	145.50	143.00	154.00
Price inc. VAT	134.40	139.80	-	139.80	149.40	147.60	153.00	161.40	167.40	-	158.40	-	-	167.40	174.60	171.60	184.80

### UNIVERSAL VINTAGE FLASHING KUF VINT

Price exc. VAT	119.00	129.50	-	-	140.00	133.00	144.50	147.00	-	-	-	-	-	-	-	-	-
Price inc. VAT	142.80	155.40	-	-	168.00	159.60	173.40	176.40	-	-	-	-	-	-	-	-	-

### FLUSH VINTAGE FLASHING KFF VINT

Price exc. VAT	244.00	279.00	-	-	291.00	274.00	298.00	304.00	-	-	-	-	-	-	-	-	-
Price inc. VAT	292.80	334.80	-	-	349.20	328.80	357.60	364.80	-	-	-	-	-	-	-	-	-

### PLAIN TILE VINTAGE FLASHING KFP VINT

Price exc. VAT	138.50	154.50	-	-	163.50	154.50	168.00	172.00	-	-	-	-	-	-	-	-	-
Price inc. VAT	166.20	185.40	-	-	196.20	185.40	201.60	206.40	-	-	-	-	-	-	-	-	-

### SLATE FLASHING WITH ONE PIECE ELEMENT KLS

Price exc. VAT	85.00	88.50	90.50	92.00	99.50	96.50	104.00	106.50	116.00	-	106.50	123.00	-	120.00	126.50	123.50	133.50
Price inc. VAT	102.00	106.20	108.60	110.40	119.40	115.80	124.80	127.80	139.20	-	127.80	147.60	-	144.00	151.80	148.20	160.20

### FLAT TILE FLASHING KFT

Price exc. VAT	93.00	96.50	100.50	101.00	108.50	109.50	113.00	118.00	125.00	-	123.50	129.00	-	129.50	138.50	140.50	152.50
Price inc. VAT	111.60	115.80	120.60	121.20	130.20	131.40	135.60	141.60	150.00	-	148.20	154.80	-	155.40	166.20	168.60	183.00

### STANDING SEAM FLASHING KSS

Price exc. VAT	129.00	133.50	-	-	142.50	145.50	148.00	154.00	159.00	-	161.00	164.50	-	168.50	-	-	-
Price inc. VAT	154.80	160.20	-	-	171.00	174.60	177.60	184.80	190.80	-	193.20	197.40	-	202.20	-	-	-

### UNIVERSAL FLASHING FOR SLOPED FIXED ROOF WINDOWS KUI

Price exc. VAT	-	-	-	-	-	81.50	-	-	-	-	-	-	-	-	-	-	-
Price inc. VAT	-	-	-	-	-	97.80	-	-	-	-	-	-	-	-	-	-	-

### SLATE FLASHING FOR SLOPED FIXED ROOF WINDOWS KSI

Price exc. VAT	-	-	-	-	-	79.00	-	-	-	-	-	-	-	-	-	-	-
Price inc. VAT	-	-	-	-	-	94.80	-	-	-	-	-	-	-	-	-	-	-

### UNIVERSAL FLASHING FOR VERTICAL FIXED ROOF WINDOWS KUN

Price exc. VAT	-	-	-	-	-	196.50	214.00	221.00	227.00	-	-	-	-	-	-	-	-
Price inc. VAT	-	-	-	-	-	235.80	256.80	265.20	272.40	-	-	-	-	-	-	-	-

### SLATE FLASHING FOR VERTICAL FIXED ROOF WINDOWS KSN

Price exc. VAT	-	-	-	-	-	188.50	205.00	211.00	216.00	-	-	-	-	-	-	-	-
Price inc. VAT	-	-	-	-	-	226.20	246.00	253.20	259.20	-	-	-	-	-	-	-	-

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.

# COMBI FLASHINGS



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

## COMBI TWIN FLASHING UBX

Price exc. VAT	-	334.00	336.00	-	-	374.00	378.00	381.00	-	-	-	-	-	-	-	-
Price inc. VAT	-	<b>400.80</b>	<b>403.20</b>	-	-	<b>448.80</b>	<b>453.60</b>	<b>457.20</b>	-	-	-	-	-	-	-	-

## COMBI UNIVERSAL FLASHING UCX

13	Distance: E 100 mm	Price exc. VAT	223,00 * 236,00 *	-	239.00	263.00	252,00 *	269.00	281,00 *	301.00	292.00	319.00	329,00 **	316.00	335.00	322.00	350.00	
	F 120 mm G 140 mm	Price inc. VAT	<b>267,60 * 283,20 *</b>	-	<b>286.80</b>	<b>315.60</b>	<b>302,40 *</b>	<b>322.80</b>	<b>337,20 *</b>	<b>361.20</b>	<b>350.40</b>	<b>382.80</b>	<b>394,80 **</b>	<b>379.20</b>	<b>402.00</b>	<b>386.40</b>	<b>420.00</b>	
2	Distance: E 100 mm	Price exc. VAT	115.00	118.50	-	123.00	132.00	132.50	138.50	147.50	162.50	157.50	165.50	168,50 **	163.00	174.50	174.00	187.00
	F 120 mm G 140 mm	Price inc. VAT	<b>138.00</b>	<b>142.20</b>	-	<b>147.60</b>	<b>158.40</b>	<b>159.00</b>	<b>166.20</b>	<b>177.00</b>	<b>195.00</b>	<b>189.00</b>	<b>198.60</b>	<b>202,20 **</b>	<b>195.60</b>	<b>209.40</b>	<b>208.80</b>	<b>224.40</b>
46	Distance: E 100 mm	Price exc. VAT	263.00	270.00	-	271.00	284.00	279.00	292.00	300.00	309.00	302.00	-	-	321.00	342.00	327.00	354.00
	F 120 mm G 140 mm	Price inc. VAT	<b>315.60</b>	<b>324.00</b>	-	<b>325.20</b>	<b>340.80</b>	<b>334.80</b>	<b>350.40</b>	<b>360.00</b>	<b>370.80</b>	<b>362.40</b>	-	-	<b>385.20</b>	<b>410.40</b>	<b>392.40</b>	<b>424.80</b>
5	Distance: E 100 mm	Price exc. VAT	142.50	143.00	-	145.50	151.00	148.00	153.00	157.50	161.00	157.50	-	-	164.00	164.00	165.50	177.00
	F 120 mm G 140 mm	Price inc. VAT	<b>171.00</b>	<b>171.60</b>	-	<b>174.60</b>	<b>181.20</b>	<b>177.60</b>	<b>183.60</b>	<b>189.00</b>	<b>193.20</b>	<b>189.00</b>	-	-	<b>196.80</b>	<b>196.80</b>	<b>198.60</b>	<b>212.40</b>
7	Distance: E 100 mm	Price exc. VAT	143.00	151.00	-	153.50	167.50	161.00	171.00	181.00	194.00	191.50	-	-	199.00	213.00	202.00	222.00
		Price inc. VAT	<b>171.60</b>	<b>181.20</b>	-	<b>184.20</b>	<b>201.00</b>	<b>193.20</b>	<b>205.20</b>	<b>217.20</b>	<b>232.80</b>	<b>229.80</b>	-	-	<b>238.80</b>	<b>255.60</b>	<b>242.40</b>	<b>266.40</b>

## COMBI SLATE FLASHINGS SCX

13	Distance: E 100 mm	Price exc. VAT	201,00 ** 213,00** 216,00 ** 215,00 **	236.00	227.00	242.00	253.00	271.00	263,00 **	288.00	-	283,00 **	302,00 **	291,00 **	316,00 **			
	F 120 mm	Price inc. VAT	<b>241,20 ** 255,60 ** 259,20 ** 258,00 **</b>	<b>283.20</b>	<b>272.40</b>	<b>290.40</b>	<b>303.60</b>	<b>325.20</b>	<b>315,60 **</b>	<b>345.60</b>	-	<b>339,60 **</b>	<b>362,40 **</b>	<b>349,20 **</b>	<b>379,20 **</b>			
2	Distance: E 100 mm	Price exc. VAT	123,00 ** 129,50 ** 129,50 ** 129,50 **	143.00	136.50	146.50	153.50	164.00	159,00 **	173.50	-	171,00 **	181,00 **	175,50 **	191,50 **			
	F 120 mm	Price inc. VAT	<b>147,60 ** 155,40 ** 155,40 ** 155,40 **</b>	<b>171.60</b>	<b>163.80</b>	<b>175.80</b>	<b>184.20</b>	<b>196.80</b>	<b>190,80 **</b>	<b>208.20</b>	-	<b>205,20 **</b>	<b>217,20 **</b>	<b>210,60 **</b>	<b>229,80 **</b>			
46	Distance: E 100 mm	Price exc. VAT	246.00	253.00	262.00	256.00	264.00	263.00	270.00	277.00	288.00	279.00	293.00	-	292.00	308.00	300.00	320.00
		Price inc. VAT	<b>295.20</b>	<b>303.60</b>	<b>314.40</b>	<b>307.20</b>	<b>316.80</b>	<b>315.60</b>	<b>324.00</b>	<b>332.40</b>	<b>345.60</b>	<b>334.80</b>	<b>351.60</b>	-	<b>350.40</b>	<b>369.60</b>	<b>360.00</b>	<b>384.00</b>
7	Distance: E 100 mm	Price exc. VAT	127.50	137.00	140.00	139.50	151.00	145.50	154.00	162.50	174.00	172.00	184.00	-	180.50	191.50	181.50	201.00
		Price inc. VAT	<b>153.00</b>	<b>164.40</b>	<b>168.00</b>	<b>167.40</b>	<b>181.20</b>	<b>174.60</b>	<b>184.80</b>	<b>195.00</b>	<b>208.80</b>	<b>206.40</b>	<b>220.80</b>	-	<b>216.60</b>	<b>229.80</b>	<b>217.80</b>	<b>241.20</b>

## COMBI INTERLOCKING FLAT TILE FLASHING FCX

13	Distance: F 120mm	Price exc. VAT	223.00	236.00	-	239.00	262.00	252.00	269.00	281.00	300.00	291.00	-	-	318.00	-	-	-
		Price inc. VAT	<b>267.60</b>	<b>283.20</b>	-	<b>286.80</b>	<b>314.40</b>	<b>302.40</b>	<b>322.80</b>	<b>337.20</b>	<b>360.00</b>	<b>349.20</b>	-	-	<b>381.60</b>	-	-	-
2	Distance: F 120mm	Price exc. VAT	136.50	144.00	-	144.00	159.00	151.00	162.50	170.50	181.50	177.00	-	-	189.00	-	-	-
		Price inc. VAT	<b>163.80</b>	<b>172.80</b>	-	<b>172.80</b>	<b>190.80</b>	<b>181.20</b>	<b>195.00</b>	<b>204.60</b>	<b>217.80</b>	<b>212.40</b>	-	-	<b>226.80</b>	-	-	-

## COMBI STANDING SEAM FLASHING SSC

13	Distance: F 120mm	Price exc. VAT	276.00	284.00	-	-	302.00	308.00	316.00	329.00	336.00	342.00	360.00	-	360.00	-	-	-
		Price inc. VAT	<b>331.20</b>	<b>340.80</b>	-	-	<b>362.40</b>	<b>369.60</b>	<b>379.20</b>	<b>394.80</b>	<b>403.20</b>	<b>410.40</b>	<b>432.00</b>	-	<b>432.00</b>	-	-	-
2	Distance: F 120mm	Price exc. VAT	165.50	171.00	-	-	181.50	185.00	188.50	198.00	203.00	205.00	216.00	-	216.00	-	-	-
		Price inc. VAT	<b>198.60</b>	<b>205.20</b>	-	-	<b>217.80</b>	<b>222.00</b>	<b>226.20</b>	<b>237.60</b>	<b>243.60</b>	<b>246.00</b>	<b>259.20</b>	-	<b>259.20</b>	-	-	-

## COMBI UNIVERSAL FLASHING FOR VERTICA ENERGY UBN

Price exc. VAT	-	-	-	-	-	895.00	945.00	1,005.00	1,103.00	-	-	-	-	-	-	-
Price inc. VAT	-	-	-	-	-	<b>1,074.00</b>	<b>1,134.00</b>	<b>1,206.00</b>	<b>1,323.60</b>	-	-	-	-	-	-	-

## COMBI SLATE FLASHING FOR VERTICA ENERGY SBN

Price exc. VAT	-	-	-	-	-	895.00	945.00	1,005.00	1,103.00	-	-	-	-	-	-	-
Price inc. VAT	-	-	-	-	-	<b>1,074.00</b>	<b>1,134.00</b>	<b>1,206.00</b>	<b>1,323.60</b>	-	-	-	-	-	-	-

## COMBI FLASHING FOR SLOPED FIXED ROOF WINDOW XCI

Price exc. VAT	-	-	-	-	-	75.00	-	-	-	-	-	-	-	-	-	-
Price inc. VAT	-	-	-	-	-	<b>90.00</b>	-	-	-	-	-	-	-	-	-	-

\* The 1-2 working days delivery option is only available for UCX 13 flashing in variant E and C2A, C4A, M4A, M8A sizes.

\*\* Only available in variant E.

# PRICES

## INSTALLATION ACCESSORIES

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

### UNDERFELT FOIL COLLAR RUC

Price exc. VAT	33.50	35.50	36.50	36.50	36.50	36.50	38.50	41.00	41.00	41.00	43.00	43.00	43.00	44.00	43.00	45.00
Price inc. VAT	40.20	42.60	43.80	43.80	43.80	43.80	46.20	49.20	49.20	49.20	51.60	51.60	51.60	52.80	51.60	54.00

### INSULATION FOAM COLLAR IFC

Price exc. VAT	41.00	41.00	41.00	41.00	41.00	41.00	41.00	41.00	46.50	46.50	46.50	-	46.50	46.50	46.50	46.50
Price inc. VAT	49.20	49.20	49.20	49.20	49.20	49.20	49.20	49.20	55.80	55.80	55.80	-	55.80	55.80	55.80	55.80

### ROOFING VAPOUR BARRIER FOIL RVB

Price exc. VAT	29.00	30.00	-	-	31.00	31.00	32.50	35.50	36.50	-	-	-	36.50	-	-	-
Price inc. VAT	34.80	36.00	-	-	37.20	37.20	39.00	42.60	43.80	-	-	-	43.80	-	-	-

<b>SIZE</b> (cm)	<b>0606</b> 60x60	<b>0609</b> 60x90	<b>0808</b> 80x80	<b>0909</b> 90x90	<b>0912</b> 90x120	<b>1010</b> 100x100	<b>1015</b> 100x150	<b>1212</b> 120x120

### EXTENSION CURB WITH FLANGE FRC-F

Price exc. VAT	293.00	307.00	315.00	346.00	368.00	368.00	427.00	416.00
Price inc. VAT	351.60	368.40	378.00	415.20	441.60	441.60	512.40	499.20

### EXTENSION CURB FRC

Price exc. VAT	293.00	307.00	315.00	346.00	375.00	368.00	427.00	424.00
Price inc. VAT	351.60	368.40	378.00	415.20	450.00	441.60	512.40	508.80

### ROOFING MATERIAL FIXING KIT FAF

Price exc. VAT	64.00	67.50	70.00	73.00	80.00	77.50	88.50	88.50
Price inc. VAT	76.80	81.00	84.00	87.60	96.00	93.00	106.20	106.20

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## ACCESSORIES / SPECIAL PRODUCTS

<b>SIZE</b> (cm)	<b>0606</b> 60x60	<b>0609</b> 60x90	<b>0808</b> 80x80	<b>0909</b> 90x90	<b>0912</b> 90x120	<b>1010</b> 100x100	<b>1015</b> 100x150	<b>1212</b> 120x120

### SOLAR BLIND FOR FLAT ROOF WINDOW FSA

Price exc. VAT	360.00	366.00	371.00	377.00	392.00	384.00	405.00	407.00
Price inc. VAT	432.00	439.20	445.20	452.40	470.40	460.80	486.00	488.40

<b>SIZE</b> (cm)	<b>C2A</b> 55x78	<b>C6A</b> 55x118	<b>F8A</b> 66x140	<b>M6A</b> 78x118	<b>M10A</b> 78x160	<b>P6A</b> 94x118	<b>P10A</b> 94x160	<b>S6A</b> 114x118	<b>S10A</b> 114x160	<b>U4A</b> 134x98	<b>U10A</b> 134x160

### INSECT SCREEN ZIA

Price exc. VAT	109.00	128.50	142.50	143.00	170.50	156.00	181.00	177.00	207.00	183.50	221.00
Price inc. VAT	130.80	154.20	171.00	171.60	204.60	187.20	217.20	212.40	248.40	220.20	265.20

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.

# ACCESSORIES / SPECIAL PRODUCTS

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

## BLACKOUT BLIND I. DUA - 4208 White, 4212 Dark Blue, 4219 Beige, 4217 Grey

Price exc. VAT	76.00	83.00	91.50	89.50	96.00	94.00	101.00	107.50	120.50	112.00	121.00	130.00	125.50	133.00	130.00	148.00
Price inc. VAT	91.20	99.60	109.80	107.40	115.20	112.80	121.20	129.00	144.60	134.40	145.20	156.00	150.60	159.60	156.00	177.60

## BLACKOUT BLIND II. DUA - 4232 Petrol Blue, 4249 Black, 4204 Light Grey, 4230 Sand

Price exc. VAT	90.00	96.50	106.00	103.00	109.50	108.00	114.50	121.00	134.00	126.00	134.00	143.00	139.00	146.50	142.50	161.00
Price inc. VAT	108.00	115.80	127.20	123.60	131.40	129.60	137.40	145.20	160.80	151.20	160.80	171.60	166.80	175.80	171.00	193.20

## VENETIAN BLIND PAA

Price exc. VAT	100.50	107.00	119.00	116.00	125.50	123.50	132.00	142.00	158.00	144.00	158.00	167.50	164.00	171.00	168.00	193.00
Price inc. VAT	120.60	128.40	142.80	139.20	150.60	148.20	158.40	170.40	189.60	172.80	189.60	201.00	196.80	205.20	201.60	231.60

## SOLAR ROLLER SHUTTER SSR

Price exc. VAT	596.00	641.00	659.00	659.00	687.00	681.00	715.00	754.00	789.00	772.00	812.00	856.00	828.00	891.00	817.00	953.00
Price inc. VAT	715.20	769.20	790.80	790.80	824.40	817.20	858.00	904.80	946.80	926.40	974.40	1,027.20	993.60	1,069.20	980.40	1,143.60

<b>SIZE</b>	<b>CXA</b>	<b>FXA</b>	<b>MXA</b>	<b>PXA</b>	<b>SXA</b>	<b>UXA</b>										
(cm)	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	94x160	114x118	114x140	134x98	134x140

## ANTI-HEAT BLIND MIA

Price exc. VAT	74.50	84.50	96.50	97.50	121.50	124.00
Price inc. VAT	89.40	101.40	115.80	117.00	145.80	148.80

## 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	40.50
Price inc. VAT	48.60

<b>SIZE</b>	<b>C2A</b>	<b>C4A</b>	<b>C6A</b>	<b>F4A</b>	<b>F6A</b>	<b>M4A</b>	<b>M6A</b>	<b>M8A</b>	<b>M10A</b>	<b>P6A</b>	<b>P8A</b>	<b>P10A</b>	<b>S6A</b>	<b>S8A</b>	<b>U4A</b>	<b>U8A</b>
(cm)	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	94x160	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	1,080	0,953	1,165	0,919	1,407

## SECURE WHITE KAQ B10100

Price exc. VAT	473,00	535,00	-	-	-	563,00	579,00	653,00	-	642,00	695,00	-	705,00	764,00	-	-
Price inc. VAT	567,60	642,00	-	-	-	675,60	694,80	783,60	-	770,40	834,00	-	846,00	916,80	-	-

## SMOKE VENT ENERGY KAS B1600

Price exc. VAT	-	-	-	-	-	980,00	1.055,00	1.122,00	-	-	-	-	1.250,00	1.288,00	1.226,00	1.398,00
Price inc. VAT	-	-	-	-	-	1.176,00	1.266,00	1.346,40	-	-	-	-	1.500,00	1.545,60	1.471,20	1.677,60

## SMOKE VENT WHITE KAS B1010

Price exc. VAT	-	-	-	-	-	852,00	913,00	969,00	-	-	-	-	1.076,00	1.115,00	1.054,00	1.187,00
Price inc. VAT	-	-	-	-	-	1.022,40	1.095,60	1.162,80	-	-	-	-	1.291,20	1.338,00	1.264,80	1.424,40

## SMOKE VENT WINDOW WIND DEFLECTOR KWU

Price exc. VAT	-	-	-	-	-	585,00	632,00	677,00	-	-	-	-	679,00	736,00	679,00	773,00
Price inc. VAT	-	-	-	-	-	702,00	758,40	812,40	-	-	-	-	814,80	883,20	814,80	927,60

## 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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