PRODUCT CATALOGUE



ABOUTUS

At FAKRO, we are committed to creating beautiful spaces with natural light. Discover the transformational effects of natural light on your home and well-being with FAKRO roof windows, light tunnels, and accessories.

> Our products are manufactured from sustainably sourced, high-quality natural pine, UPVC, and aluminum, and are designed with safety, performance, and the customer in mind. With over 30 years experience globally and over 20 years in the UK, we understand our customers and your aspirations. We are here to help you achieve those dreams, support you through every step and create beautiful spaces with natural light.



--*1141*7 []

CONTENTS

GO GREEN WHY CHOOSE FAKRO	
HOW TO CHOOSE A ROOF WINDOW	
HOW TO CHOOSE A FLASHING KIT	
ROOF WINDOWS	10-3
CENTRE PIVOT ROOF WINDOWS	10-1
Z-WAVE (ELECTRIC) CENTRE PIVOT ROOF WINDOWS	12-1
SOLAR CENTRE PIVOT ROOF WINDOWS	14-1
WIFI CENTRE PIVOT ROOF WINDOWS	16-1
HIGHLY ENERGY EFFICIENT PIVOT ROOF WINDOWS	18-1
TOP HUNG AND CENTRE PIVOT ROOF WINDOWS preSelect MAX	20-2
HIGH PIVOT ROOF WINDOWS AND DUET ROOF WINDOWS	22-2
BALCONY WINDOWS - GALERIA	24-2
L-SHAPED VERTICAL COMBINATION WINDOWS	26-2
SMOKE VENTILATION WINDOWS	30-3
SIDE-HUNG ESCAPE WINDOWS	32-3
CONSERVATION STYLE WINDOWS	34-3
ROOF ACCESS WINDOWS	38-3
FLASHINGS FOR ROOF WINDOWS	40-4
ACCESSORIES	46-5
EXTERNAL ACCESSORIES	4
INTERNAL ACCESSORIES	48-5
WINDOW ACCESSORIES	52-5
INSTALLATION ACCESSORIES	54-5
FLAT ROOF WINDOW	56-6
FLAT ROOF WINDOWS TYPE F	58-5
FLAT ROOF WINDOWS TYPE G	60-6
FLAT ROOF WINDOWS TYPE Z	62-6
FLAT ROOF WINDOWS TYPE C	64-6
WALK ON FLAT ROOF WINDOWS	6
FLAT ROOF ACCESS	6
SMOKE VENTILATION FLAT ROOF WINDOWS	6
FLAT ROOF ACCESS DOOR	6
ACCESSORIES	70-7
LIGHTTUNNELS	72-7
ROOF WINDOW PERFORMANCE AT A GLANCE	74-7
FLAT ROOF WINDOW PERFORMANCE AT A GLANCE	76-7
OTHER PRODUCTS	7
WINDOW SIZE GUIDE	7





GO GREEN

We are committed to embedding sustainability and environmental responsibility into everything we do.

As a global market player, we understand the impact we make on the environment and strive to make a difference, from investing in sustainable production processes to developing eco-friendly products.

In 2022, we launched our GO GREEN initiative which underpins everything we do. As part of this initiative, we have implemented an environmental management system, in doing so, we are able to improve our environmental performance through more efficient use of resources and reduction of waste.

The UN Sustainability Development Goals are the blueprint to achieve a better and more sustainable future for all. To ensure we build a better future for generations to come, FAKRO is contributing to the achievement of such Goals.



WHY CHOOSE FAKRO?

Our windows offer a perfect combination of style, sustainability, security and long design life. To achieve such high performance involves ongoing product development and improvement to every roof window that we design.

EXCEPTIONAL SECURITY

FAKRO's topSafe system gives confidence and peace of mind that our roof windows offer exceptional burglary resistance with additional reinforcement to prevent the sash from being forced open.





10-YEAR WARRANTY

Whether buying natural pine, UPVC or any other style, FAKRO offers a 10-year warranty for all roof windows. We also offer a no-quibble lifetime warranty against damage by hailstones.

TOP QUALITY MATERIALS

The pine we use offers the clearest visual evidence of our roof window quality. Not only does its close grain look stylish, we obtain timber from FSC[®] certified sources.

CUSTOMER SUPPORT

We are on-hand via phone on 01283 554 755 or via livechat on our website. Our dedicated, friendly customer service and technical support teams will happily guide you through your project needs.

DEDICATED TO SUSTAINBLE LIVING

From high energy-saving glazing, to recyclability to responsibly sourced pine, sustainability is in our DNA. We ensure that every process, every action and every decision we make is always accompanied by concern for the comfort and well-being of future generations.



WE DON'T JUST DO WHITE

FAKRO roof windows can be manufactured in any RAL colour from the RAL classic palette. That's over 200 colours you can specify for your project!

DON'T JUST TAKE OUR WORD FOR IT ...

"I ordered a pitched roof window. Loved how it brightened up the room. So much so, that we ordered a second one. Excellent customer service when I phoned up to repeat my order."

- MT, Homeowner



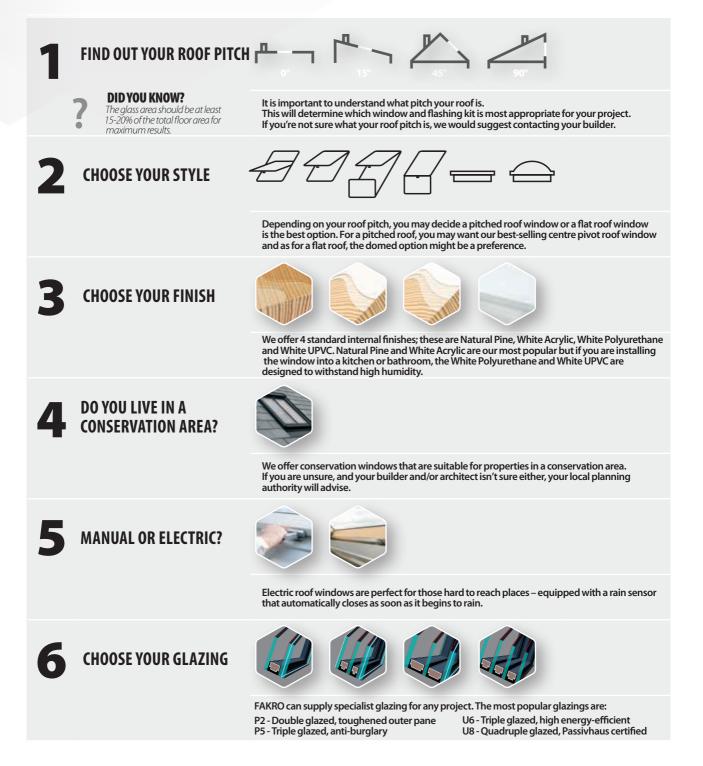
GO GREEN



FAKRO



HOW TO CHOOSE A ROOF WINDOW



HOW TO CHOOSE A FLASHING KIT

- Depths explained
- ${\bf N}$ Elevated flashing kit (+3cm)
- V Standard depth flashing kit
- J Recessed flashing kit (-3cm)

STANDARD FLASHING

Type of roofing material		Roof pitch	Fitting depth	Flashing
	Roof coverings such as: – roofing felt	-∳ 15° − 90°	V (0)	= ES
	- bitumen - flat sheet metal	-1 20°−90°	J (—3 cm)	- 5
The	Roof coverings such as: - bitumen	→ 20° – 90°	V (0)	= EL 🕥
	- slate	T 20 - 90	J (–3 cm)	
100 m	Plain Tile roof coverings non-interlocking (Peg Tiles)	→ 25° – 90°	V (0)	= EP
	non-interlocking (Peg Tiles)	T 25 - 90	J (-3 cm)	
<i>6</i> .2	Drofiled reaf coverings such as:	15° - 90°	N (+3 cm)	
an	Profiled roof coverings such as: - roof tiles	15° - 90°	V (0)	= EZ 📜
	- corrugated metal sheeting	20°−90°	J (–3 cm)	
1111	High profile roof coverings such as: - roof tiles - corrugated metal sheets	- 1 5°−90°	N (+3 cm)	= ЕН

LOW PITCH FLASHINGS

Type of roofing material		Roof pitch		Flashing
	Roof coverings such as: - roofing felt - bitumen - corrugated metal sheeting	-↓ 10°−75°		
1111	Profiled roof coverings such as: – roof tiles – corrugated metal sheeting	10° - 75°	= E_A	
1111	High profile roof coverings such as: – roof tiles – corrugated metal sheeting	10° – 75°		

OTHER FLASHINGS

Type of roofing material		Roof pitch	Fitting depth	Flas	hing
Imm	High profile roof coverings such as:	↓ 15° – 90°	V (0)	EHAT	Te
all	 roof tiles corrugated metal sheeting 	↓ 15° – 90°	N (+3 cm)	Thermo	
1111	Roof coverings such as:	15° - 90°	V (0)	— FF	
	- flat sheet metal - standing seam zinc etc	→ 20° - 90°	J (—3 cm)	= EE	
1100	Roof coverings such as:	15° - 90°	V (0)	— гр	1
	Roof coverings such as: -prefabricated standing seam	20° - 90°	J (—3 cm)	EB	





CENTRE PIVOT ROOF WINDOWS

- Our most popular range of windows with a wide range of accessories.
 - Easy cleaning as the centre pivot sash rotates 180 degrees.
 - Increased safety due to the topSafe system.
- Handle at the bottom for easy operation.
- Available in any external RAL colour.



• 10-year warranty on all roof windows.

GLAZING EXPLAINED



P2 - **Double glazed**, toughened outer pane U-Value of window 1.3



P5 - **Triple glazed**, anti-burglary U-Value of window 0.97 (UPVC 1.0)



UPVC

- Highly efficient air inlet V35
- Reinforced steel core for high-performance
- Ideal for high-humidity rooms such as bathrooms, kitchens and utilities
- Also available in Golden Oak, Pine and Anthracite internal finishes



WHITE ACRYLIC

- Automatic air ventilation V40P
- Knot-free high quality pine
 wood
- Double coated wood with white eco-friendly lacquer



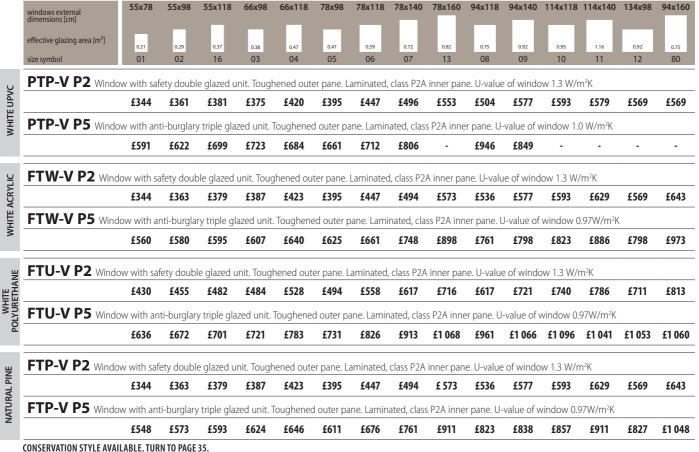
WHITE POLYURETHANE

- Automatic air ventilation V40P
- Knot-free high quality pine
 wood
- Designed for humid rooms such as bathrooms and kitchens



NATURAL PINE

- Automatic air ventilation V40P
- Knot-free high quality pine
 wood
- Double coated wood with
 eco-friendly lacquer



ELECTRIC (Z-WAVE) AVAILABLE. TURN TO PAGE 32. BLINDS AND ACCESSORIES AVAILABLE. TURN TO PAGE 12. ROOF WINDOWS





• Our most popular range of windows with Z-Wave (electric) control.



• Open and close your windows at the touch of a button. Z-Wave windows also come with a rain sensor as standard so they shut automatically at the first drop of rain.



• Easy cleaning as the centre pivot sash rotates 180 degrees.

• Increased safety due to the topSafe system.

• 10-year warranty on all roof windows.



• Available in any external RAL colour.

INTELLIGENT HOME

GLAZING EXPLAINED



P2 - **Double glazed**, toughened outer pane U-Value of window 1.3

P5 - **Triple glazed**, anti-burglary U-Value of window 0.97 (UPVC 1.0)





UPVC

- Highly efficient air inlet V35
- Reinforced steel core for high-performance
- Ideal for high-humidity rooms such as bathrooms, kitchens and utilities
- Also available in Golden Oak, Pine and Anthracite internal finishes

CONTROL UNITS



HITE ACRYLIC

• Automatic air ventilation V40P

Knot-free high guality pine

• Double coated wood with

white eco-friendly lacquer

wood





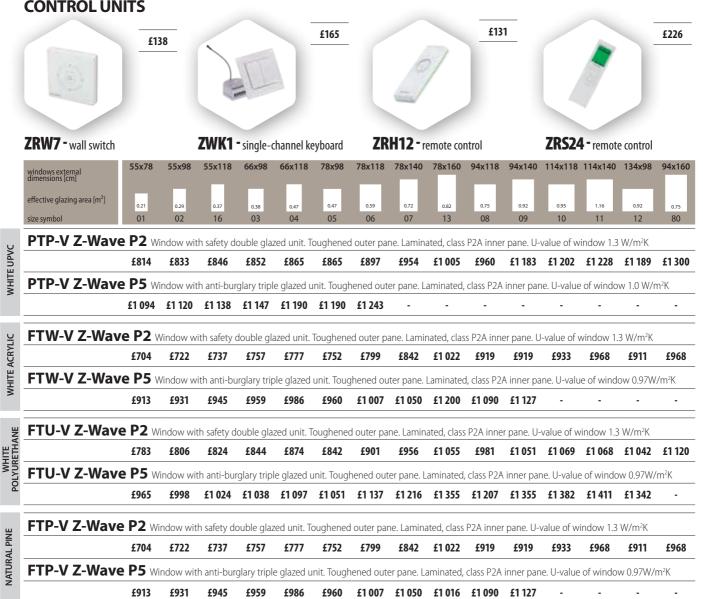
WHITE POLYURETHANE

- Automatic air ventilation V40P
- Knot-free high quality pine wood
- Designed for humid rooms such as bathrooms and kitchens



NATURAL PINE

- Automatic air ventilation V40P
- Knot-free high quality pine wood
- Double coated wood with eco-friendly lacquer



CONSERVATION STYLE AVAILABLE. TURN TO PAGE 36. BLINDS AND ACCESSORIES AVAILABLE. TURN TO PAGE 46. FTU-V Z-Wave

ROOF WINDOWS





SOLAR CENTRE PIVOT ROOF WINDOWS

- Our most popular range of roof windows with Solar control.
 - No need to wire into the mains with our Solar roof windows. Fitted with a solar panel on the outside of the window to generate the power to open.
 - Easy cleaning as the centre pivot sash rotates 180 degrees.
 - Increased safety due to the topSafe system.

- 10-year warranty on all roof windows.
 - Available in any external RAL colour.

GLAZING EXPLAINED



RA

P2 - **Double glazed**, toughened outer pane U-Value of window 1.3



P5 - **Triple glazed**, anti-burglary U-Value of window 0.97

SOLAR



 Double coated wood wit eco-friendly lacquer

FTW-V Solar



WHITE ACRYLIC

- Automatic air ventilation V40P
- Knot-free high quality pine wood
- Double coated wood with
 white eco-friendly lacquer



FTU-V Solar

- Automatic air ventilation V40P
- Knot-free high quality pine
 wood
- Designed for humid rooms such as bathrooms and kitchens





	windows external dimensions [cm]	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	114x118	114x140	134x98	94x16
	effective glazing area [m²]	0.21	0.29	0.37	0.38	0.47	0.47	0.59	0.72	0.82	0.75	0.92	0.95	1.16	0.92	0.75
	size symbol	01	02	16	03	04	05	06	07	13	08	09	10	11	12	80
	FTP-V Solar P	2 Windo	w with sa	ifety doubl	e glazed	unit. Tougl	nened out	ter pane. L	aminated,	, class P2A	inner par	ne. U-valu	e of windo	w 1.3 W/r	m²K	
		£722	£745	£779	£790	£813	£818	£875	£892	£1 005	£914	£931	£931	£976	£948	-
	FTP-V Solar P	5 Windo	w with ar	nti-burglary	/ triple gla	azed unit.	Toughene	ed outer pa	ane. Lamir	nated, clas	s P2A inne	er pane. L	I-value of v	vindow 0.9	97W/m²K	
		£920	£937	£951	£948	£990	£965	£1 010	£1 051	£1 156	£1 067	-	-		-	-
_	FTW-V Solar	£722	£745	£779	£790	£813	£818	£875	£892	£1 005	£914	£931	£931	£976	£948	- K
-		£920	£937	£951	£948	£990	£965			£1 156		-	-	-	-	-
-	FTU-V Solar F	2 Windo	w with s	afety doub	le glazed	unit. Toug	hened ou	ter pane. l	aminated	l, class P2A	inner pa	ne. U-valı	ie of winde	ow 1.3 W/	m²K	
		£768	£790	£835	£847	£858	£869	£926	£954	£1 016	£965	£999	£999	£1 033	£999	-
-	FTU-V Solar F	95 Windo	w with a	nti-burglar	y triple gl	lazed unit.	Toughen	ed outer p	ane. Lami	nated, clas	s P2A inn	er pane. l	J-value of	window 0.	97W/m²K	<u></u>
		£956	£975	£989	£1 007		£1 019	£1 050								

BLINDS AND ACCESSORIES AVAILABLE. TURN TO PAGE 46.



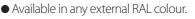


WIFI CENTRE PIVOT ROOF WINDOWS

- Easily connects to home automation systems, for example, Alexa and Google Home.
 - Can be controlled via smart phones with a compatible app.
 - Easy cleaning as the centre pivot sash rotates 180 degrees.
 - Increased safety due to the topSafe system.

• 10-year warranty on all roof windows.





GLAZING EXPLAINED



P2 - **Double glazed**, toughened outer pane U-Value of window 1.3



P5 - **Triple glazed**, anti-burglary U-Value of window 0.97

ROOF WINDOWS



- Automatic air ventilation V40P
- Knot-free high quality pine wood
- Double coated wood with eco-friendly lacquer



WHITE ACRYLIC

- Automatic air ventilation V40P
- Knot-free high quality pine wood
- Double coated wood with white eco-friendly lacquer



- Knot-free high quality pine wood
- Designed for humid rooms such as bathrooms and kitchens

WIFI CONTROL ELEMENTS



devices

to be controlled from a phone using the FAKROSmart, Tuya or Smartlife applications



	windows external dimensions [cm]	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	114x118	114x140	134x98	94x160
	effective glazing area [m ²]	0.21	0.29	0.37	0.38	0.47	0.47	0.59	0.72	0.82	0.75	0.92	0.95	1.16	0.92	0.75
	size symbol	01	02	16	03	04	05	06	07	13	08	09	10	11	12	80
₽	FTP-V WiFi P2	2 Window	with safe	ty double	glazed ur	nit. Toughe	ened oute	r pane. Lai	minated, c	lass P2A i	nner pane	. U-value	of windov	/ 1.3 W/m	²K	
ALPI		£827	£860	£899	£910	£932	£943	£1 009	£1 025	£1 100	£1 053	£1 075	£1 086	£1 130	£1 103	£1 147
NATURAL PINE	FTP-V WiFi P	Window	with anti	-burglary	triple glaz	ed unit. To	oughened	outer par	e. Lamina	ted, class	P2A inner	pane. U-\	value of wi	ndow 0.97	7W/m²K	
z		£1 034	£1 075	£1 123	£1 137	£1 165	£1 178	£1 261	£1 282	-	£1 316	£1 344	-	-	-	-
ACRYLIC	FTW-V WiFi P	2 Windov £827	w with saf £860	fety doubl £899	e glazed u £910	unit. Tougł £932	nened out £943	er pane. L £1 009	aminated, £1 025	class P2A	inner pan £1 053	ie. U-value £1 075	e of windo £1 086	w 1.3 W/r £1 130	n²K £1 103	£1 147
WHITE AG	FTW-V WiFi P							d outer pa	ne. Lamin	ated, class	s P2A inne	er pane. U	-value of v		97W/m²K	
M		£1 034	£1 075	£1 123	£1 137	£1 165	£1 178	£1 261	£1 282	-	£1 316	£1 344	-	-	-	-
NE	FTU-V WiFi P	2 Window	v with safe	ety double	glazed u	nit. Tough	ened oute	er pane. La	minated, o	class P2A i	inner pane	e. U-value	of window	v 1.3 W/m	1²K	
ETH ∕		£910	£946	£988	£1 001	£1 025	£1 037	£1 110	£1 128	£1 268	£1 158	£1 182	£1 195	£1 243	£1 213	£1 268
WHITE POLYURETHANE	FTU-V WiFi P	5 Window	v with ant	i-burglary	triple gla:	zed unit. To	oughened	l outer par	ne. Lamina	ated, class	P2A inner	pane. U-	value of w	indow 0.9	7W/m²K	
P		£1 137	£1 182	(1))5	£1 251	(1 201	£1 296	£1 387	£1 410		£1 448					

CONSERVATION STYLE AVAILABLE. PLEASE ENOUIRE. BLINDS AND ACCESSORIES AVAILABLE. TURN TO PAGE 46.

FAKRO



HIGHLY ENERGY EFFICIENT PIVOT ROOF WINDOWS



• Specialist triple and quadruple glazing to keep your home warmer and save you money on utility bills.

- Easy cleaning as the centre pivot sash rotates 180 degrees.
- Increased safety due to the topSafe system.
- Handle at the bottom for easy operation.

YEAR



• 10-year warranty on all roof windows.

GLAZING EXPLAINED



U6 - Triple glazed, energy-efficient U-Value of window 0.80



U8 - **Quadruple glazed**, highly energy-efficient U-Value of window 0.58 (with thermal flashing)

[•] Available in any external RAL colour.



NATURAL PINE

- Knot-free high quality pine wood
- Double coated wood with
 eco-friendly lacquer





WHITE ACRYLIC

- Knot-free high quality pine
 wood
- Double coated wood with
 white eco-friendly lacquer

FTT/U



WHITE POLYURETHANE

- Knot-free high quality pine
 wood
- Designed for humid rooms such as bathrooms and kitchens



Windows FTT U8 Thermo designed for passive house buildings, Passive House certified

	windows external dimensions [cm]	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	114x118	114x140	134x98	94x160
	effective glazing area [m ²]	-	-													
	size symbol	0.21	0.29	0.37 16	0.38	0.47 04	0.47	0.59	0.72	0.82	0.75	0.92	0.95	1.16 11	0.92	0.75 80
										214 1 1						
INE	FTT U8 Thern	NO Wind														
SALF		-	£1 424	£1 495	£1 515	£1 589	£1 601	£1 781	£1 970	£2 290	£2 051	£2 115	£2 135	£2 398	£2 175	£2 596
NATURAL PINE	FTT U6 Window w	vith highly	/-energy e	fficient trip	ole glazed	unit. Lam	inated, cla	iss P2A inr	ner pane. I	J-value of	window ().8 W/m²k	,			
z		£802	£823	£860	£860	£912	£912	£1 032	£1 141	£1 324	£1 193	£1 226	£1 232	£1 378	£1 304	£1 504
'LIC	FTT/W U8 The	ermo	Window v	vith Passiv	e quadrur	ole glazed	unit. U-və	lue of win	dow 0.58	W/m²K w	hen instal	led with T	hermo fla:	shing		
ACRYLIC		-	£1 469	£1 544	£1 561	£1 638	£1 651	£1 835	£2 030	£2 361	£2 115	£2 180	£2 198	£2 470	£2 235	£2 673
WHITE /	FTT/W U6 Wind	low with h	nighly-ene	rgy efficier	nt triple g ^I	azed unit.	. Laminate	d, class P2	A inner p	ane. U-valı	ue of wind	w 0.8 W	//m²K			
3					-		-									
		-	£823	£860	£860	£912	£912	£1 032	£1 141	£1 324	£1 193	£1 226		£1 378	£1 304	£1 504
ANE	FTT/U U8 The	- ermo \		£860	£860	£912	£912	£1 032	£1 141	£1 324	£1 193	£1 226	£1 232		£1 304	£1 504
HTE ETHANE	FTT/U U8 The	- ermo \ -		£860	£860	£912	£912	£1 032	£1 141	£1 324	£1 193	£1 226	£1 232		£1 304 £2 337	£1 504 £2 781
WHITE POLYURETHANE	FTT/U U8 The	-	Window w £1 527	£860 rith Passive £1 612	£860 e quadrup £1 621	£912 le glazed u £1 709	£912 unit. U-val £1 718	£1 032 lue of wind £1 912	£1 141 dow 0.58 \ £2 118	£1 324 W/m ² K wh £2 450	£1 193 en installe £2 208	£1 226 ed with Th £2 280	£1 232 nermo flas £2 304	hing		

FLASHING INCLUDED IN THE PRICE CONSERVATION STYLE AVAILABLE. TURN TO PAGE 36. BLINDS AND ACCESSORIES AVAILABLE. TURN TO PAGE 46.

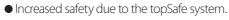


TOP HUNG AND CENTRE PIVOT ROOF WINDOWS preSelect MAX



• Dual function roof window can be opened in top hung mode or centre pivot giving you greater spread of natural light but also easy cleaning.

• preSelect MAX can be opened in any position from 0-45.



• Handle at the bottom for easy operation.



• 10-year warranty on all roof windows.



• Available in any external RAL colour.

GLAZING EXPLAINED



P2 - Double glazed, toughened outer pane U-Value of window 1.3



P5 - Triple glazed, anti-burglary U-Value of window 0.97 (UPVC 1.1)





UPVC

- Highly efficient air inlet V35
- Reinforced steel core for high-performance
- Ideal for high-humidity rooms such as bathrooms, kitchens and utilities
- Also available in Golden Oak, Pine and Anthracite internal finishes





WHITE ACRYLIC

- Automatic air ventilation V40P
- Knot-free high quality pine wood
- Double coated wood with white eco-friendly lacquer





WHITE POLYURETHANE

- Automatic air ventilation V40P
- Knot-free high quality pine
- wood
 Designed for humid rooms such as bathrooms and kitchens





NATURAL PINE

- Automatic air ventilation V40P
- Knot-free high quality pine wood
- Double coated wood with
 eco-friendly lacquer

	windows external dimensions [cm]	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	114x118	114x140	134x98	94x160
	effective glazing area [m²]	0.21	0.29	0.37	0.38	0.47	0.47	0.59	0.72	0.82	0.75	0.92	0.95	1.16	0.92	0.75
	size symbol	01	02	16	03	04	05	06	07	13	08	09	10	11	12	80
U	PPP-V P2 preS	elect M	IAX Win	dow with s	afety dou	uble glazed	d unit. Tou	ughened o	uter pane	. Laminate	ed, class P2	2A inner p	oane. U-val	ue of win	dow 1.3 W	//m²K
UPV		-	£726	£733	£733	£812	£812	£855	£903	£898	£903	£968	£968	£1 021	£892	£1 016
WHITE UPVC	PPP-V P5 preS	elect M	IAX Wine	dow with a	nti-burgla	ary triple g	lazed unit	. Toughene	ed outer p	ane. Lamir	nated, class	s P2A inne	er pane. U-	value of w	indow 1.1	W/m²K
		-	£887	£989	£887	£942	£942	£1 017	£1 092	£1 290	£1 236	£1 344	£1 398	£1 451	£1 290	£1 607
<u>u</u>	FPW-V P2 pres	Select N	IAX Wir	ndow with	safety do	uble glaze	ed unit. To	oughened	outer pan	e. Laminat	ed, class F	2A inner	pane. U-va	alue of wir	ndow 1.3 \	W/m²K
ACRYL		-	£604	£570	£611	£632	£639	£684	£741	£855	£763	£808	£866	£930	£894	£901
WHITE ACRYLIC	FPW-V P5 pres	Select N	/AX Wir	ndow with	anti-burg	lary triple o	glazed uni	it. Tougher	ed outer	oane. Lami	inated, cla	ss P2A inn	ier pane. U	-value of v	vindow 0.9	97 W/m²K
\$		-	£785	£1 026	£785	£804	£804	£849	£908	£1 504	£941	£1 017	£1 424	-	£1 504	£1 750
NE	FPU-V P2 preS	elect N	IAX Win	dow with s	safety dou	uble glaze	d unit. To	ughened c	uter pane	e. Laminate	ed, class P.	2A inner p	oane. U-va	lue of win	dow 1.3 V	V/m²K
IITE Etha		-	£672	£677	£707	£725	£741	£787	£832	£945	£866	£889	£934	£980	-	£1 002
WHITE POLYURETHANE	FPU-V P5 preS	elect N	IAX Win	dow with a	anti-burgla	ary triple g	lazed unit	. Toughen	ed outer p	ane. Lamir	nated, clas	s P2A inne	er pane. U-	value of w	vindow 0.9	7 W/m²K
PC		-	£860	£1 083	£891	£891	£933	£1 001	£1 043	£1 595	£1 104	£1 061	£1 595	£1 652	-	£1 538
	FPP-V P2 preSe	elect M	AX Wind	dow with s	afety dou	ıble glazec	l unit. Tou	ighened o	uter pane	. Laminate	d, class P2	2A inner p	ane. U-val	ue of wind	dow 1.3 W	//m²K
ш		-	£604	£570	£611	£632	£639	£684	£720	£855	£763	£808	£866	£871	£894	£901
NATURAL PINE	FPP-V P5 preSe	elect M	AX Wind	dow with a	nti-burgla	ary triple gl	azed unit	. Toughene	d outer p	ane. Lamir	ated, class	s P2A inne	er pane. U-v	value of w	indow 0.9	7W/m²K
ATUR/		-	£785	£1 026	£785	£804	£804	£849	£908	£1 504	£941	£1 017	£1 424	£1 572	£1 504	£1 653
z	FPT U6 Window w	rith highly	energy-e	fficient trip	le glazed	unit. U-va	lue of wir	ndow 0.82	W/m²K							
		-	£855	£912	£918	£945	£934	£1 026	£1 105	£1 185	£1 103	£1 208	£1 219	£1 367	-	£1 310

CONSERVATION STYLE AVAILABLE. TURN TO PAGE 36. BLINDS AND ACCESSORIES AVAILABLE. TURN TO PAGE 46.

LARGE AND FUNCTIONAL

HIGH PIVOT AND DUET ROOF WINDOWS



• High pivot roof windows give greater headroom within the space.

- With a larger window and glazing area, the Duet style provides more daylight into the room.
- Easy cleaning as the centre pivot sash rotates 160 degrees.
- Increased safety due to the topSafe system.
- Handle at the bottom for easy operation.

- 10 YEAR
- 10-year warranty on all roof windows.



• Available in any external RAL colour.

GLAZING EXPLAINED



P2 - **Double glazed**, toughened outer pane U-Value of window 1.3



P5 - **Triple glazed**, anti-burglary U-Value of window 0.97





NATURAL PINE

- Automatic air ventilation V40P
- Knot-free high quality pine
 wood
- Double coated wood with
 eco-friendly lacquer





WHITE ACRYLIC

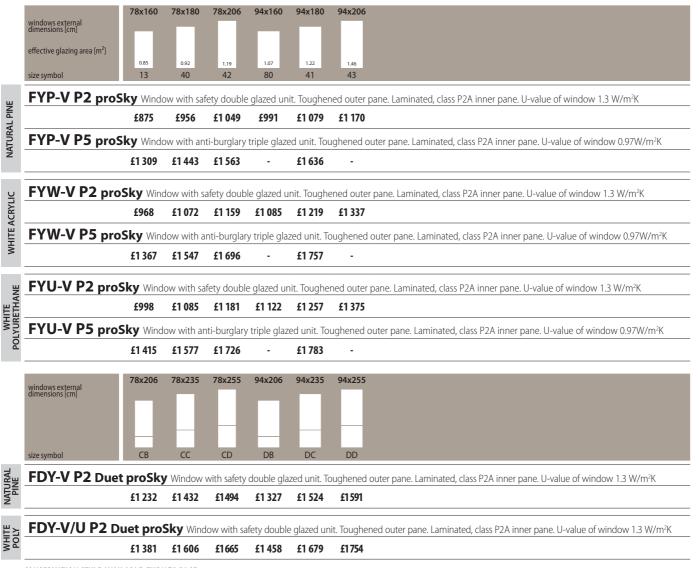
- Automatic air ventilation V40P
- Knot-free high quality pine wood
- Double coated wood with
 white eco-friendly lacquer





WHITE POLYURETHANE

- Automatic air ventilation V40P
- Knot-free high quality pine wood
- Designed for humid rooms such as bathrooms and kitchens



CONSERVATION STYLE AVAILABLE. TURN TO PAGE 37. Blinds and accessories available. Turn to page 46.





BALCONY WINDOWS - GALERIA

- Get the effect of a balcony at the fraction of the cost!
 - An innovative, large roof window with two opening sashes creating more space and a balcony-effect.
 - Easy cleaning as the centre pivot sash rotates 180 degrees.
 - Increased safety due to the topSafe system.
 - 10-year warranty on all roof windows.

RAI

• Available in any external RAL colour.

GLAZING EXPLAINED



P2 - **Double glazed**, toughened outer pane U-Value of window 1.5



P5 - **Triple glazed**, anti-burglary U-Value of window 1.1

YEAF

ROOF WINDOWS

FGH-V Galeria



NATURAL PINE

- Automatic air ventilation V40P
- Knot-free high quality pine wood
- Double coated wood with eco-friendly lacquer





WHITE ACRYLIC

- Automatic air ventilation V40P
- Knot-free high quality pine wood
- Double coated wood with white eco-friendly lacquer

FGH-V/U Galeria



WHITE **POLYURETHANE**

- Automatic air ventilation V40P
- Knot-free high quality pine wood
- Designed for humid rooms such as bathrooms and kitchens



- Barriers when closed are concealed under the window flashing elements, so they do not collect dirt or spoil aesthetics of the roof.
- Balcony windows are made to order as they must match your roof pitch & can only be installed 35-55 degrees.
- Combining FGH-V balcony window with other FAKRO windows, e.g. FDY-V is possible with a combination flashing - price on request

	78x255	94x255	114x255
windows external dimensions [cm]			
effective glazing area [m²]	н	н	
size symbol	CD	DD	ED
FGH-V P2 Gal	eria wi	ndow with	n safety double glazed unit. Toughened outer pane. Laminated, class P2A inner pane. U-value of window 1.5 W/m²K
	£3 253	£3 253	£3 465
FGH-V P5 Gal	eria wi	indow with	anti-burglary triple glazed unit. Toughened outer pane. Laminated, class P2A inner pane. U-value of window 1.1W/m²K
	£3 904	£3 904	-
FGH-V/W P2 G	Galeria	a Window	with safety double glazed unit. Toughened outer pane. Laminated, class P2A inner pane. U-value of window 1.5 W/m ² K
	£3 446	£3 446	£3 818
FGH-V/W P5 C	Galeria	a Window	with anti-burglary triple glazed unit. Toughened outer pane. Laminated, class P2A inner pane. U-value of window 1.1W/m ²
	£3 904	£3 904	-
FGH-V/U P2 G	aleria	Window	with safety double glazed unit. Toughened outer pane. Laminated, class P2A inner pane. U-value of window 1.5 W/m ² K

-

FGH-V/U P5 Galeria Window with anti-burglary triple glazed unit. Toughened outer pane. Laminated, class P2A inner pane. U-value of window 1.1W/m²K

£4 094 £4 094 FLASHING KIT INCLUDED IN THE PRICE. CONSERVATION STYLE AVAILABLE. PLEASE ENOUIRE.

BLINDS AND ACCESSORIES AVAILABLE. PLEASE ENQUIRE.





L-SHAPED VERTICAL COMBINATION WINDOWS



• L-shaped windows are designed to be installed where the roof meets a vertical wall.

- Vastly increases the amount of light entering the room.
- Vertical window and pitched roof window are ordered separately.
- Increased safety due to the topSafe system.
- As standard they are equipped with multi-point lock fittings and with P2 or P5 safety glazing.



• 10-year warranty on all roof windows.



• Available in any external RAL colour.

GLAZING EXPLAINED



P2 - Double glazed, toughened outer pane U-Value of window 1.3



P5 - Triple glazed, anti-burglary U-Value of window 0.88



NATURAL PINE

- Knot-free high quality pine wood
- Double coated wood with eco-friendly lacquer
- Can be opened in tilt and turn.

NATURAL PINE

CONSERVATION STYLE AVAILABLE. PLEASE ENQUIRE. BLINDS AND ACCESSORIES AVAILABLE. PLEASE ENQUIRE. SEE FLASHINGS ON PAGE 45

• Choose left or right opening.



NATURAL PINE

• Knot-free high quality pine

• Double coated wood with

eco-friendly lacquer

• In tilt opening function.

wood

BXP



NATURAL PINE

- Knot-free high quality pine wood
- Double coated wood with eco-friendly lacquer
- Non-opening.

windows external dimensions [cm]	78x60	78x75	78x95	78x115	78x137	94x75	94x95	114x75	114x95
effective glazing area [m ²]	0.25	0.33	0.45	0.57	0.71	0.42	0.58	0.53	0.73
size symbol	33	81	82	83	84	85	86	89	90
BDL P2, BDR	P2 Win	dows with	n safety do	ouble glaz	ed unit. Te	oughened	outer par	ne. Lamina	ated, class P2A inner pane. U-value of window 1.3 W/m²K
	£698	£773	£837	£933	£1 031	£827	£918	-	£993
BVP P2 Windows	with safet	ty double	glazed ur	iit. Toughe	ened oute	r pane. La	minated, o	:lass P2A i	nner pane. U-value of window 1.3 W/m²K
	£466	£490	£519	£584	£642	£546	£578	£580	£602
BXP P2 Windows	with safet	y double	glazed un	iit. Toughe	ened oute	r pane. La	minated, o	lass P2A i	nner pane. U-value of window 1.3 W/m²K
	£409	£426	£443	£495	£535	£460	£483	£558	£617
BDL P5, BDR	P5 Win	dow with	anti-burg	lary triple	glazed ur	nit. Toughe	ened oute	r pane. La	minated, class P2A inner pane. U-value of window 0.88W/m²K
	£988	£1 073	£1 172	£1 296	£1 430	£1 160	£1 284	-	£1 380
BVP P5 Window	with anti-b	ourglary tr	iple glaze	d unit. Toı	ughened (outer pane	e. Laminat	ed, class F	2A inner pane. U-value of window 0.88W/m²K
	£780	£819	£859	£978	£1 058	£913	£951	£965	£991
BXP P5 Window	with anti-b	ourglary tr	iple glaze	d unit. Tou	ughened o	outer pane	e. Laminat	ed, class F	2A inner pane. U-value of window 0.88W/m²K
	£722	£757	£785	£883	£960	£827	£869	£952	£1 023

ROOF WINDOWS



L-SHAPED VERTICAL COMBINATION WINDOWS

• L-shaped windows are designed to be installed where the roof meets a vertical wall.

- Vastly increases the amount of light entering the room.
- Vertical window and pitched roof window are ordered separately.
- Increased safety due to the topSafe system.
- As standard they are equipped with multi-point lock fittings and with P2 or P5 safety glazing.

• 10-year warranty on all roof windows. YEAR





• Available in any external RAL colour

GLAZING EXPLAINED



P2 - Double glazed, toughened outer pane U-Value of window 1.3



P5 - Triple glazed, anti-burglary U-Value of window 0.88

BD_/W, BVW, BXW



WHITE ACRYLIC

- Knot-free high quality pine wood
- Double coated wood with white
 eco-friendly lacquer
- Choose left or right opening with BD_ windows.

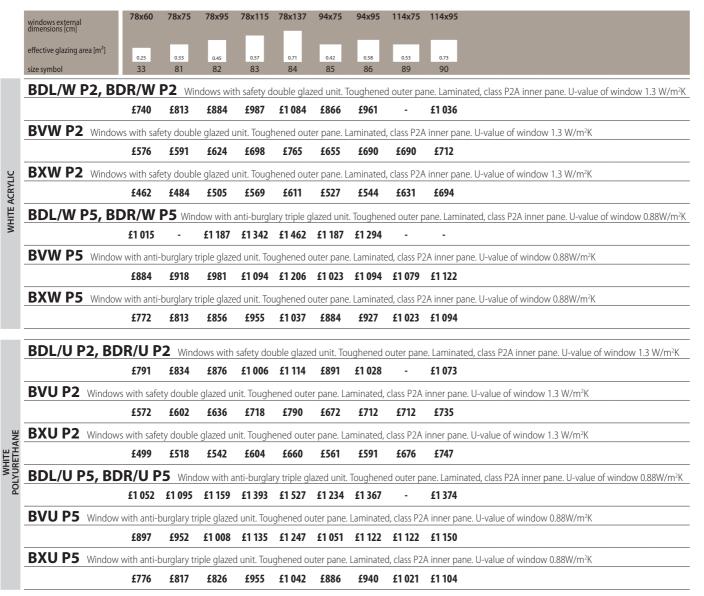
BD_/U, BVU, BXU



WHITE POLYURETHANE

- Knot-free high quality pine wood
- Designed for humid rooms such as bathrooms and kitchens

SEE FLASHINGS ON PAGE 45







SMOKE VENTILATION WINDOWS

- Intended to evacuate heat and smoke from inside the building during fire.
- Factory equipped with an electric actuator (24V) which when connected to the control system opens and closes the window.
- Fitted with a chain actuator to open the sash to 90 degrees in relation to the frame.
- 5-year warranty.
- Meets UK building regs and are fully tested and certified to EN 12101-2:2003.

- All kits are supplied for onsite installation and commissioning by others.
- Available in any external RAL colour.

GLAZING EXPLAINED



P2 - Double glazed, toughened outer pane



NATURAL PINE

- Knot-free high quality pine
 wood
- Double coated wood with
 eco-friendly lacquer

FSR/W



WHITE ACRYLIC

- Knot-free high quality pine wood
- Double coated wood with
 white eco-friendly lacquer

FSR/U



WHITE POLYURETHANE

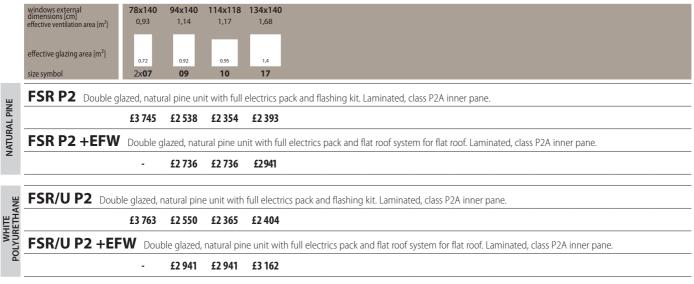
- Knot-free high quality pine
 wood
- Designed for humid rooms such as bathrooms and kitchens



Comes supplied as a kit with all electrics and flashings included.

- DEFAK029 consists of the following:
- VRS10FAK (Rain Sensor)
- DEFAK021 (Smoke Vent Break Glass RT45)
- DEFAK022 (Smoke Detector)

Please advise flashing kit type required at time of order



SIZE 78X140 CONTAINS 2 ROOF WINDOWS IN ORDER TO MEET BUILDING REGULATIONS. CONSERVATION STYLE AVAILABLE. PLEASE ENQUIRE.





SIDE-HUNG ESCAPE WINDOWS

- The FWP escape window is side-hung and therefore side-opening. Once unlocked, the sash can be opened to 90°.
 - The gas piston fitted in the top part of the window facilitates opening and stabilizes the sash.
 - Universal design allows installation with any opening side (right or left).
 - Handle positioned in the middle of the sash allows opening and microopening.
 - 10-year warranty on all roof windows.

RAL

• Available in any external RAL colour.

GLAZING EXPLAINED

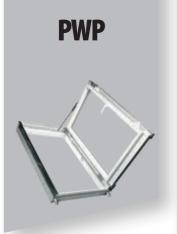


P2 - **Double glazed**, toughened outer pane U-Value of wooden windows 1.3 (UPVC 1.4)



P5 - **Triple glazed**, anti-burglary U-Value of wooden window 1.0

YEAI



UPVC

- Reinforced steel core for high-performance
- Ideal for high-humidity rooms such as bathrooms, kitchens and utilities
- Also available in Golden Oak, Pine and Anthracite internal finishes



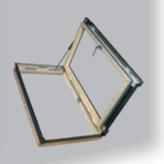
WHITE ACRYLIC

- Knot-free high quality pine wood
- Double coated wood with
 white eco-friendly lacquer



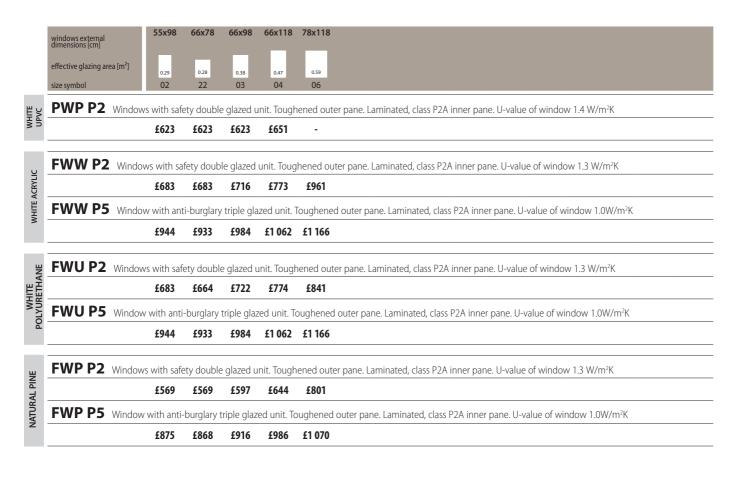
WHITE POLYURETHANE

- Knot-free high quality pine wood
- Designed for humid rooms such as bathrooms and kitchens



NATURAL PINE

- Knot-free high quality pine
 wood
- Double coated wood with
 eco-friendly lacquer



CONSERVATION STYLE AVAILABLE. TURN TO PAGE 37. Blinds and accessories available. Please enquire.





CONSERVATION STYLE WINDOWS

- FAKRO conservation roof windows are designed for historic or stylised buildings. Their characteristic feature is a black vertical mullion bar in the middle of the glazing, cladding and flashing (colour RAL 9005) which suits traditional construction.
- By using FAKRO conservation roof windows we can keep the unique, historic character of the building from the outside and create a comfortable and modern interior. They feature all advantages of standard FAKRO roof windows.
- They are available in standard sizes in the following versions;
 - centre pivot windows
 - top hung and centre pivot windows
 - roof access windows
 - side hung escape windows can be manufactured in bespoke sizes.
- Kits include window, flashing & undercollar felt.



UPVC

- Reinforced steel core for high-performance
- Ideal for high-humidity rooms such as bathrooms, kitchens and utilities



WHITE ACRYLIC

- Knot-free high quality pine wood
- Double coated wood with white eco-friendly lacquer



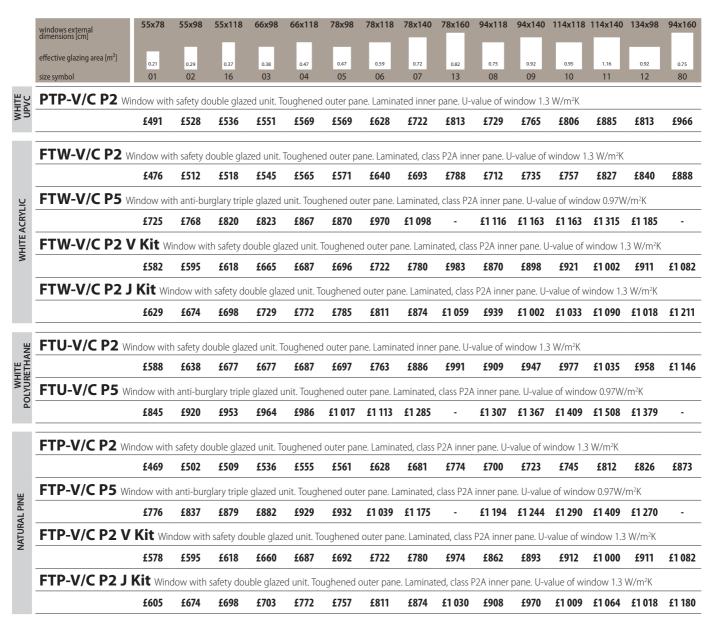
WHITE POLYURETHANE

- Knot-free high quality pine wood
- Designed for humid rooms such as bathrooms and kitchens



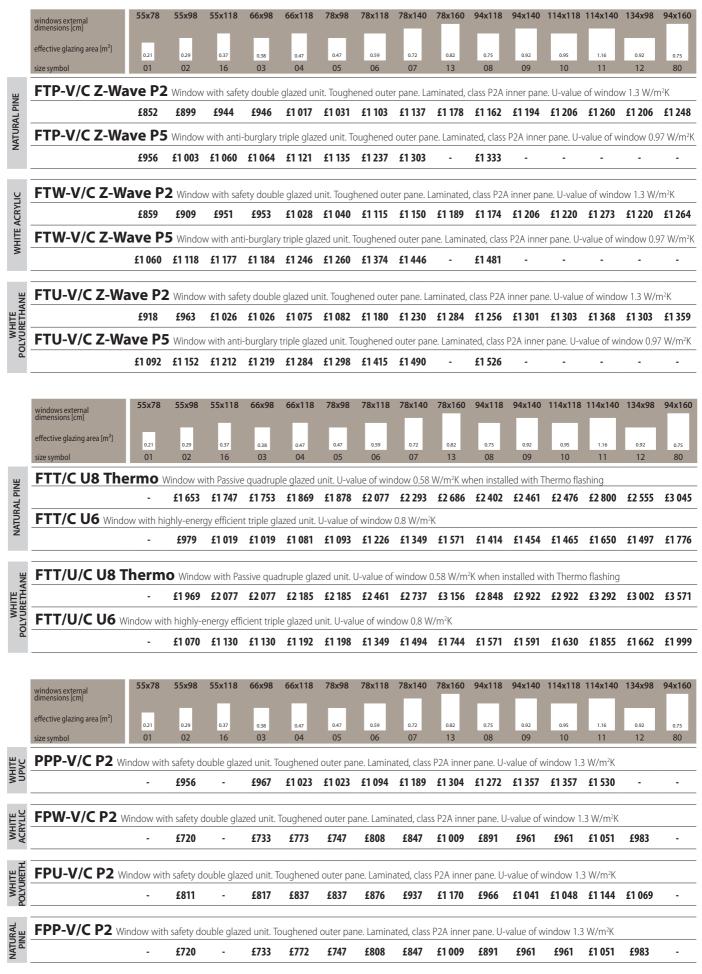
NATURAL PINE

- Knot-free high quality pine
 wood
- Double coated wood with
 eco-friendly lacquer

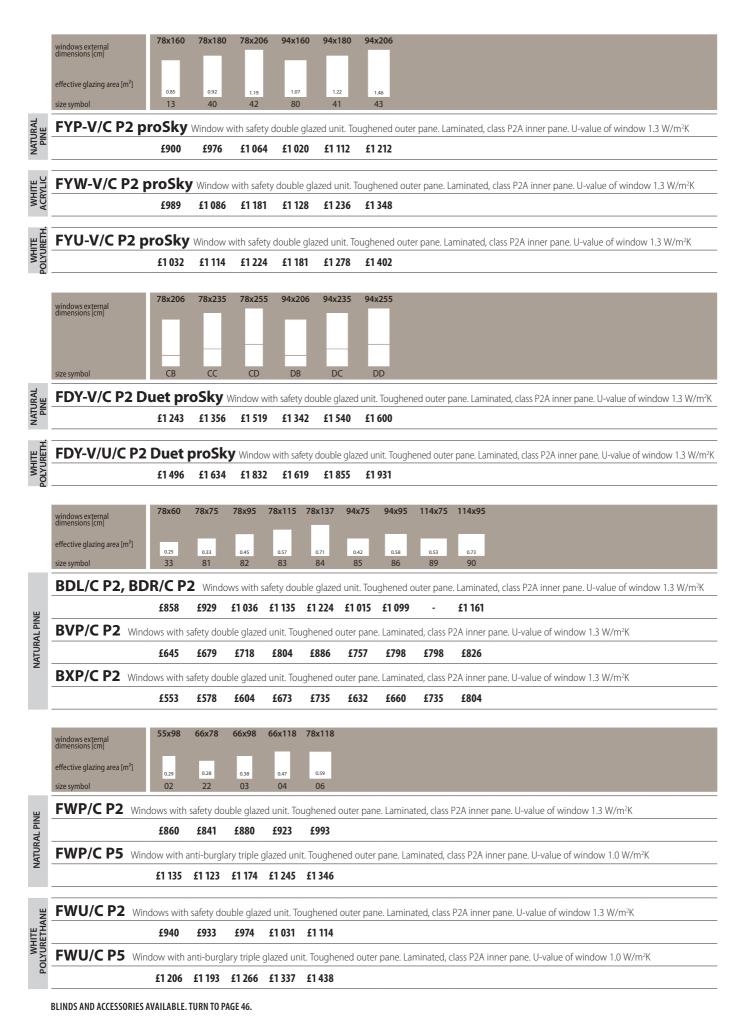


BLINDS AND ACCESSORIES AVAILABLE. TURN TO PAGE 46.





BLINDS AND ACCESSORIES AVAILABLE. TURN TO PAGE 46.



37

FAKRO

ROOF WINDOWS



ROOF ACCESS WINDOWS

- Roof access windows provide fast, safe and easy access to the roof for conservation and required maintenance work. Depending on the room type in the loft (inhabited or uninhabited) a range of access windows can be used.
- Designed solely for uninhabited lofts with the interior temperature similar to the outdoor temperature.
- Roof access windows come with an integrated flashing compatible with most type roofs.

GLAZING EXPLAINED

- Single and double glazed units available.



- Access roof light has a top hung design and the sash opens outwards
- WGT single glazed 4H

- WGI - double glazed with gas spring - 3H-8-3

WLI



- Access roof light opens to the side, equipped with glazing 4H-8-4H
 it can be installed in left or right
- opening version
- it comes complete with a turn limiter to hold the sash stable

46x55	46x75											
ed, tougher	ned unit.											
£136	£149											
WGI Double glazed, toughened unit. U-value 3.1												
£163	£175											
WGI/C Double glazed, toughened unit. U-value 3.1												
£215	£231											
	ed, tougher £136 d, tougher £163 zed, tough											

54x83	54x98	86x87
bughened	l unit. U-va	alue 3.1
£254	£279	£292
l, tougher	ned unit. L	J-value 3.1
£323	£339	£389
	£254 I, tougher	bughened unit. U-va £254 £279 I, toughened unit. L

FAKRO[°]



FLASHINGS FOR ROOF WINDOWS

- Flashings are essential for a tight connection of roof windows with roofing material.
- They ensure a durable, weatherproof and tidy fit with good drainage away from the window.
- Variety of standard roof window flashings, as well as a number of specialist sets including angle-changing, recessed, combination and conservation.

Standard flashings allow window to be installed in the most popular types of roofing materials:



EL___ for nautral and man-made, non-interlocking slates up to 10mm thick



ES_ for flat roof coverings up to 5mm thickness



EP__ for plain tiles up to 16mm thick



EZ_ for profiled roof coverings up to 45mm depth



EH__ for deeply profiled roof coverings up to 90mm depth



EBV-V for panel metal sheeting such as standing seam roof

dimensions [cm] size symbol	55x78 01	55x98 02	55x118 16	66x98 03	66x118 04	78x98 05	78x118 06	78x140 07	78x160 13	94x118 08	94x140 09	114x118 10	114x140 11	134x98 12	94x160 80
EZV-A for interle	ocking tiles u	p to 45mi	m												
	£83	£87	£99	£99	£102	£102	£104	£104	£135	£107	£114	£121	£124	£127	£129
EZJ-A recessed	syle for interlo	ocking tile	es up to 45	mm											
	£116	£120	£128	£138	£137	£137	£142	£149	£179	£146	£167	£166	£177	£178	£182
ELV for non-interl	ocking tiles u	ip to 10m	m												
	£83	£87	£99	£99	£102	£102	£104	£104	£135	£107	£114	£121	£124	£127	£129
ELJ recessed style	for non-inter	rlocking ti	les up to 1	0mm											
	£116	£120	£128	£138	£137	£137	£142	£149	£179	£146	£167	£166	£177	£178	£182
EPV for non-inter	locking plain	tiles up to	o 16mm												
	£83	£87	£99	£99	£102	£102	£104	£104	£135	£107	£114	£121	£124	£127	£129
EPJ resessed style	for non-inter	locking p	lain tiles up	o to 16m	m										
	£116	£120	£128	£138	£137	£137	£142	£149	£179	£146	£167	£166	£177	£178	£182
EHN-A for inter	locking tiles u	up to 90m	ım												
	£92	£100	£105	£105	£110	£110	£115	£115	£131	£117	£121	£127	£131	£133	£135
EBV for standing	seam roof														
	£126	£132	£135	£137	£154	£154	£157	£159	£184	£162	£165	£170	£184	£176	£187

dimensions [cm] size symbol	55x78 01	55x98 02	55x118 16	66x98 03	66x118 04	78x98 05	78x118 06	78x140 07	78x160 13	94x118 08	94x140 09	114x118 10	114x140 11	134x98 12	94x160 80
ELV-T Therr	no for non-	interlocki	ng tiles up	to 10mm	n										
	£148	£166	£175	£175	£178	£178	£187	£199	£225	£205	£217	£217	£225	£217	£255
EPV-T Ther	mo for non	-interlock	ing plain t	iles up to	16mm										
	£134	£148	£157	£157	£160	£160	£168	£174	£197	£183	£188	£191	£197	£205	£228
EHV-T Ther	mo for inte	erlocking t	tiles up to	90mm											
	£132	£146	£154	£154	£157	£157	£165	£171	£193	£179	£185	£188	£193	£189	£224
EZA, ESA, E	HA for low	pitch roc	ofs - lifts wi	ndow ou	t of the roo	ofline by	10 degrees	ŝ							
	£355	£366	£386	£386	£405	£402	£420	£438	£520	£448	£477	£477	£520	£477	£542
EKB & King	span Ki	t a set of	profiles co	overing th	ne sides of	the frame	2								
	£80	£90	£98	£90	£98	£90	£98	£106	£108	£98	£106	£98	£106	£90	£108
XDP insulating co	ollar														
	£42	£42	£45	£45	£46	£46	£47	£50	£51	£50	£51	£53	£54	£53	£54

dimensions [cm] size symbol	78x160 13	78x180 40	78x206 42	94x160 80	94x180 41	94x206 43	dimensions [cm] size symbol	78x206 CB	78x235 CC	78x255 CD	94x206 DB	94x235 DC	94x255 DD
EZV-A for inter	rlocking tiles u	p to 45mr	m				EZV-A for interl	locking tiles u	p to 45mr	n			
	£135	£142	£175	£129	£170	£183		£173	£190	£194	£194	£215	£231
ELV for non-inte	rlocking tiles u	ıp to 10mi	m				ELV for non-inter	locking tiles u	p to 10m	m			
	£135	£142	£175	£129	£170	£183		£173	£190	£194	£194	£215	£231
EPV for non-inte	erlocking plain	tiles up to	o 16mm				EPV for plain tiles	s up to 16mm					
	£135	£142	£175	£129	£170	£183		£173	£190	£194	£194	£215	£231
EHN-A for inte	erlocking tiles u	up to 90m	ım				EHN-A for inter	rlocking tiles u	up to 90m	m	~	_	
	£131	£157	£179	£135	£182	£213		£188	£204	£206	£213	£235	£257

dimensions [cm] size symbol	78x98 05	78x118 06	78x140 07	94x118 08	94x140 09	114x118 10	114x140 11	134x98 12
EUV-L/B for slat	e							
	£239	£252	£271	£265	£268	£268	£280	£277
EUV/B for tiles								
	£250	£264	£276	£271	£276	£276	£289	£281

dimensions [cm] size symbol	55x78 01	55x98 02	55x118 16	66x98 03	66x118 04	78x98 05	78x118 06	78x140 07	78x160 13	94x118 08	94x140 09	114x118 10	114x140 11	134x98 12	94x160 80
EZV-A/C for int	erlocking tile	es up to 45	mm												
	£106	£115	£126	£126	£129	£129	£132	£132	£160	£137	£146	£154	£160	£157	£168
EZJ-A/C recess	ed syle for in	terlocking	tiles up to	45mm											
	£151	£163	£172	£172	£182	£182	£184	£184	£223	£199	£208	£217	£223	£232	£241
ELV/C for non-in	terlocking tile	es up to 1	Omm												
	£106	£115	£126	£126	£129	£129	£132	£132	£160	£137	£146	£154	£160	£157	£168
ELJ/C recessed st	tyle for non-i	nterlockin	g tiles up t	o 10mm											
	£151	£163	£172	£172	£182	£182	£184	£184	£223	£199	£208	£217	£223	£232	£241
EPV/C for non-ir	nterlocking p	lain tiles u	p to 16mn	า											
	£106	£115	£126	£126	£129	£129	£132	£132	£160	£137	£146	£154	£160	£157	£168
EPJ/C resessed st	yle for non-ir	nterlocking	g plain tile	s up to 1	6mm										
	£151	£163	£172	£172	£182	£182	£184	£184	£223	£199	£208	£217	£223	£232	£241
EHN-A/C for in	iterlocking til	es up to 9	0mm												
	£129	£136	£141	£141	£148	£144	£155	£155	£183	£158	£163	£172	£183	£177	£186
dimensions [cm] size symbol	78x160 13	78x180 40	78x206 42	94x160 80	94x180 41	94x206 43									
EZV-A/C for int							-								
	£160	£185	£200	£168	£216	£231	_								
ELV/C for non-in	terlocking til	es up to 1)mm				_								
	£160	£185	£200	£168	£216	£231	_								
EPV for non-interl	ocking plain	tiles up to	16mm				_								
	£160	£185	£200	£168	£216	£231	_								
EHN-A/C for in	terlockina til	es un to 9					_								
	£183	£204	£240	£186	£232	£279	_								
							_								
dimensions [cm] size symbol	78x98 05	78x118 06	78x14) 94x1 08	18 94x 0	140 11	4x118 1 10	14x140 11	134x98 12						
EUV-L/B/C fc					0				-12						
	£270	£286	£298	£29	2 £2	98 4	298	£313	£304						
EUV/B/C for til		2200	22/0						2001						
	£281	£303	£324	£32	0 53	27 4	327	£342	£337						
	2201	1202	2524	132	0 £3	2/ 1	.327	£342	133/						

FLAT ROOF SY	STEM														
Gives the ability to	o install a	pitched	d roof wi	ndow	on a flat	roof.									
dimensions [cm] size symbol	55x78 01	55x98 02	55x118 16	66x98 03	66x118 04	78x98 05	78x118 06	78x140 07	78x160 13	94x118 08	94x140 09	114x118 10	114x140 11	134x98 12	94x160 80
EFW kerb															
	£377	£411	£417	£419	£424	£445	£505	£512	£579	£521	£525	£543	£563	£574	£571

FLASHINGS

KEEP YOUR ROOF WINDOWS WATERTIGHT

COMBINATION FLASHINGS

• The combination flashing are ready made flashing systems for joining windows in groups: horizontally, vertically and in a block. The distance between windows joined horizontally and vertically is normally 10cm. There are seven modules in the FAKRO combination system, to cater for any layout you may require. Other gutter channels are available.



B2/1

Horizontal combination



B1/2 Vertical combination



B2/2 Block combination

size symbol	55x78 01	55x98 02	55x118 16	66x98 03	66x118 04	78x98 05	78x118 06	78x140 07	78x160 13	94x118 08	94x140 09	114x118 10	114x140 11	134x98 12	94x160 80
2 piece B2/1,	B1/2 ·	EZV-	A, EL\	/, EPV	′-A										
	£208	£218	£248	£248	£255	£255	£260	£260	£338	£268	£285	£303	£310	£318	£323
3 piece B3/1,	B1/3 ·	EZV-	A, EL\	/, EPV	/-A										
	£311	£326	£371	£371	£383	£383	£390	£390	£506	£401	£428	£454	£465	£476	£484
4 piece B2/2	- EZV-	A, ELV	, EPV	-A											
	£415	£435	£495	£495	£510	£510	£520	£520	£675	£535	£570	£605	£620	£635	£645
6 piece B3/2,	B2/3 ·	EZV-	A, EL\	V, EPV	/-A										
	£623	£653	£743	£743	£765	£765	£780	£780	£1 013	£803	£855	£908	£930	£953	£968
2 piece B2/1,	B1/2 ·	EHN	A												
	£230	£250	£263	£263	£275	£275	£288	£288	£328	£293	£303	£318	£328	£333	£338
3 piece B3/1,	B1/3 ·	EHN	A												
	£345	£375	£394	£394	£413	£413	£431	£431	£491	£439	£454	£476	£491	£499	£506
4 piece B2/2	- EHN-	A													
	£460	£500	£525	£525	£550	£550	£575	£575	£655	£585	£605	£635	£655	£665	£675
6 piece B3/2,	B2/3 ·	EHN	A												
	£690	£750	£788	£788	£825	£825	£863	£863	£983	£878	£908	£953	£983	£998	£1 013
dimensions [cm] size symbol	55x78 01	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	114x118	114x140	134x98	94x160
	UI	02	16	03	04	05	06	07	13	08	09	10	11	12	80
2 piece B2/1							06	07	13	08	09	10	11	12	80
2 piece B2/1							06 £330	07 £330	13 £400	08 £343	09 £365	10 £385	11 £400	12 £393	80 £420
2 piece B2/1 3 piece B3/1	, B1/2 £265	- EZV £288	-A/C, £315	ELV/C £315	, EPV £323	-A/C £323					-				
•	, B1/2 £265	- EZV £288	-A/C, £315	ELV/C £315	, EPV £323	- A/C £323					-				
•	, B1/2 £265 , B1/3 £398	- EZV £288 - EZV £431	-A/C, £315 -A/C, £473	ELV/C £315 ELV/C £473	5, EPV £323 7, EPV £484	-A/C £323 -A/C	£330	£330	£400	£343	£365	£385	£400	£393	£420
3 piece B3/1	, B1/2 £265 , B1/3 £398	- EZV £288 - EZV £431	-A/C, £315 -A/C, £473	ELV/C £315 ELV/C £473	5, EPV £323 7, EPV £484	-A/C £323 -A/C	£330	£330	£400	£343	£365	£385	£400	£393	£420
3 piece B3/1	, B1/2 £265 , B1/3 £398 - EZV- £530	- EZV £288 - EZV £431 •A/C, E £575	-A/C, £315 -A/C, £473 ELV/C, £630	ELV/C £315 ELV/C £473 , EPV- £630	, EPV £323 , EPV £484 A/C £645	-A/C £323 -A/C £484 £645	£330 £495	£330 £495	£400 £600	£343 £514	£365 £548	£385 £578	£400 £600	£393 £589	£420 £630
3 piece B3/1 4 piece B2/2	, B1/2 £265 , B1/3 £398 - EZV- £530	- EZV £288 - EZV £431 •A/C, E £575	-A/C, £315 -A/C, £473 ELV/C, £630	ELV/C £315 ELV/C £473 , EPV- £630	, EPV £323 , EPV £484 A/C £645	-A/C £323 -A/C £484 £645	£330 £495	£330 £495	£400 £600	£343 £514 £685	£365 £548 £730	£385 £578	£400 £600 £800	£393 £589	£420 £630
3 piece B3/1 4 piece B2/2	, B1/2 £265 , B1/3 £398 - EZV- £530 , B2/3 £795	- EZV £288 - EZV £431 •A/C, I £575 - EZV £863	-A/C, £315 -A/C, £473 ELV/C, £630 -A/C, £945	ELV/C £315 ELV/C £473 , EPV- £630 ELV/C	, EPV £323 , EPV £484 A/C £645 , EPV	-A/C £323 -A/C £484 £645 -A/C	£330 £495 £660	£330 £495 £660	£400 £600 £800	£343 £514 £685	£365 £548 £730	£385 £578 £770	£400 £600 £800	£393 £589 £785	£420 £630 £840
3 piece B3/1 4 piece B2/2 6 piece B3/2	, B1/2 £265 , B1/3 £398 - EZV- £530 , B2/3 £795	- EZV £288 - EZV £431 •A/C, I £575 - EZV £863	-A/C, £315 -A/C, £473 ELV/C, £630 -A/C, £945	ELV/C £315 ELV/C £473 , EPV- £630 ELV/C	, EPV £323 , EPV £484 A/C £645 , EPV	-A/C £323 -A/C £484 £645 -A/C	£330 £495 £660	£330 £495 £660	£400 £600 £800	£343 £514 £685	£365 £548 £730	£385 £578 £770	£400 £600 £800	£393 £589 £785	£420 £630 £840
3 piece B3/1 4 piece B2/2 6 piece B3/2	, B1/2 £265 , B1/3 £398 - EZV £530 , B2/3 £795 , B1/2 £323	- EZV £288 - EZV £431 •A/C, I £575 - EZV £863 - EHN £340	-A/C, £315 -A/C, £473 ELV/C, £630 -A/C, £945 -A/C, £353	ELV/C £315 ELV/C £473 , EPV- £630 ELV/C £945	, EPV £323 , EPV £484 A/C £645 , EPV £968	-A/C £323 -A/C £484 £645 -A/C £968	£330 £495 £660 £990	£330 £495 £660 £990	£400 £600 £800 £1200	£343 £514 £685 £1 028	£365 £548 £730 £1 095	£385 £578 £770 £1 155	£400 £600 £800 £1200	£393 £589 £785 £1 178	£420 £630 £840 £1 260
3 piece B3/1 4 piece B2/2 6 piece B3/2 2 piece B2/1	, B1/2 £265 , B1/3 £398 - EZV £530 , B2/3 £795 , B1/2 £323	- EZV £288 - EZV £431 •A/C, I £575 - EZV £863 - EHN £340	-A/C, £315 -A/C, £473 ELV/C, £630 -A/C, £945 -A/C, £353	ELV/C £315 ELV/C £473 , EPV- £630 ELV/C £945	, EPV £323 , EPV £484 A/C £645 , EPV £968	-A/C £323 -A/C £484 £645 -A/C £968	£330 £495 £660 £990	£330 £495 £660 £990	£400 £600 £800 £1200	£343 £514 £685 £1 028	£365 £548 £730 £1 095	£385 £578 £770 £1 155	£400 £600 £800 £1200	£393 £589 £785 £1 178	£420 £630 £840 £1 260
3 piece B3/1 4 piece B2/2 6 piece B3/2 2 piece B2/1	, B1/2 £265 , B1/3 £398 - EZV- £530 , B2/3 £795 , B1/2 £323 , B1/3 £484	- EZV £288 - EZV £431 •A/C, E £575 - EZV £863 - EHN £340 - EHN £510	-A/C, £315 -A/C, £473 ELV/C, £630 -A/C, £945 -A/C £353 -A/C	ELV/C £315 ELV/C £473 , EPV- £630 ELV/C £945 £353	, EPV £323 , EPV £484 A/C £645 , EPV £968 £370	-A/C £323 -A/C £484 £645 -A/C £968 £360	£330 £495 £660 £990 £388	£330 £495 £660 £990 £388	£400 £600 £800 £1 200 £458	£343 £514 £685 £1 028 £395	£365 £548 £730 £1095 £408	£385 £578 £770 £1 155 £430	£400 £600 £800 £1200 £458	£393 £589 £785 £1 178 £443	£420 £630 £840 £1260 £465
3 piece B3/1 4 piece B2/2 6 piece B3/2 2 piece B2/1 3 piece B3/1	, B1/2 £265 , B1/3 £398 - EZV- £530 , B2/3 £795 , B1/2 £323 , B1/3 £484	- EZV £288 - EZV £431 •A/C, E £575 - EZV £863 - EHN £340 - EHN £510	-A/C, £315 -A/C, £473 ELV/C, £630 -A/C, £945 -A/C £353 -A/C	ELV/C £315 ELV/C £473 , EPV- £630 ELV/C £945 £353	, EPV £323 , EPV £484 A/C £645 , EPV £968 £370	-A/C £323 -A/C £484 £645 -A/C £968 £360	£330 £495 £660 £990 £388	£330 £495 £660 £990 £388	£400 £600 £800 £1 200 £458	£343 £514 £685 £1 028 £395	£365 £548 £730 £1095 £408	£385 £578 £770 £1 155 £430	£400 £600 £800 £1200 £458	£393 £589 £785 £1 178 £443	£420 £630 £840 £1260 £465
3 piece B3/1 4 piece B2/2 6 piece B3/2 2 piece B2/1 3 piece B3/1	, B1/2 £265 , B1/3 £398 - EZV- £530 , B2/3 £795 , B1/2 £323 , B1/3 £484 - EHN £645	- EZV f288 - EZV f431 ·A/C, I f575 - EZV f863 - EHN f340 - EHN f510 -A/C f680	-A/C, £315 -A/C, £473 ELV/C, £630 -A/C, £945 -A/C £353 -A/C £529 £705	ELV/C £315 ELV/C £473 , EPV- £630 ELV/C £945 £353 £529	, EPV £323 , EPV £484 A/C £645 , EPV £968 £370 £555	-A/C £323 -A/C £484 £645 -A/C £968 £360 £540	£330 £495 £660 £990 £388 £581	£330 £495 £660 £990 £388 £581	£400 £600 £800 £1200 £458 £686	£343 £514 £685 £1 028 £395 £593	£365 £548 £730 £1 095 £408 £611	£385 £578 £770 £1155 £430 £645	£400 £600 £800 £1200 £458 £686	£393 £589 £785 £1 178 £443 £664	£420 £630 £840 £1260 £465 £698



ROOF WINDOW ACCESSORIES

- FAKRO roof window accessories combine functional and operational features with attractive designs.
- Internal accessories can put the finishing touches on any roof window. The wide range of blind type, style and colour ensures complete harmony with your chosen decor and helps shape a room's character. They can also protect against heat loss.
- Exterior accessories (awning blinds) effectively protect against excessive heating of the attic on hot summer days.
- Accurate adjustment of accessories to FAKRO roof windows ensures their quick and easy assembly. The original FAKRO accessories are characterised by high quality, innovative solutions and aesthetic appearance.

EXTERNAL ACCESSORIES





Awning blinds **AMZ** New Line

- Offers up to 8 times more effective protection in comparison with internal blackout blinds
- Effective shading of the room at the same time providing a view to the outside

Control:

- **AMZ New Line** manually operated or with the use of a control rod (supplied with blind)
- AMZ Z-Wave system, controlled by remote control or wall switch
- AMZ Solar controlled by remote control, recommended in places
 where there is no 230V power supply

EVTEDNAL AWNING PLINDS AND SHUTTEDS



External roller shutters

- Effective protection from tiresome heat
- Colour matches the window RAL 7022
- Shading of the room the best protection from tiresome heat
- Increased security and the feeing of privacy
- Acoustic protection against external noise
- ARZ-H is not suitable for UPCV roof windows

Control:

- **ARZ-H** operated manually from the inside with a crank (supplied in package)
- ARZ Z-Wave system, controlled by remote control or wall switch
 ARZ Solar controlled by remote control, recommended in places
- where there is no 230V power supply

EXTERNAL AV		LINDS	AND SI	HUTTE	RS										
dimensions [cm] size symbol	55x78 01	55x98 02	55x118 16	66x98 03	66x118 04	78x98 05	78x118 06	78x140 07	78x160 13	94x118 08	94x140 09	114x118 10	114x140 11	134x98 12	94x160 80
AMZ New Lin	el awning	blind													
	£87	£87	£91	£91	£104	£107	£107	£109	£149	£118	£129	£132	£143	£140	£157
AMZ New Lin	ell awning	ı blind													
	£116	£116	£126	£126	£140	£143	£143	£157	£201	£167	£174	£188	£198	£191	£222
AMZ Z-Wav	e I (Eleo	ctric)	awning bli	nd											
	£415	£415	£436	£436	£445	£451	£463	£474	£492	£480	£492	£504	£515	£504	£539
AMZ Z-Wav	e II (Ele	ctric)	awning b	lind											
	£448	£448	£471	£471	£480	£486	£499	£513	£532	£518	£532	£544	£556	£544	£581
AMZ Z-Wav	e Solar	awning	g blind												
	£583	£589	£599	£599	£612	£612	£618	£627	£639	£627	£639	£641	£653	£644	£660
AMZ Z-Wav	e Solar	📕 awnir	ng blind												
	£612	£618	£630	£630	£644	£644	£648	£659	£670	£659	£670	£674	£686	£676	£693
ARZ-H external	shutter														
	£369	£376	£386	£386	£400	£395	£412	£412	£443	£429	£446	£451	£467	£456	£476
ARZ Z-Wave	e (Elect	ric) ext	ernal shutt	er											
	£412	£422	£432	£432	£451	£444	£467	£479	£500	£488	£503	£507	£524	£512	£531
ARZ Solar	external shutt	er													
	£708	£721	£733	£733	£751	£751	£763	£779	-	£788	£800	£806	£827	£806	-

When installing a Z-Wave (electric) blind on a manual window, a power supply and remote control are required. When installing a Z-Wave (electric) blind on a WiFi window, only a power supply is required. Remote controls are not included with Z-Wave (electric) blinds as standard.



INTERNAL ACCESSORIES



venetian blinds

- Reduction of incoming light to the room
- Control the direction and the amount of the light entering by changing the angle of the slats providing a view to the outside



Roller blind standard **ARS**

- Protection from light.
- Can position the blind in three different positions.



I					
	001	006	007	002	216
II					
	203	241	242	240	254
	014	251	220	243	246
	014			245	240
	016	204	250		

INTERNAL BLIN	DS														
dimensions [cm] size symbol	55x78 01	55x98 02	55x118 16	66x98 03	66x118 04	78x98 05	78x118 06	78x140 07	78x160 13	94x118 08	94x140 09	114x118 10	114x140 11	134x98 12	94x160 80
AJP venetian blind															
	£84	£86	£91	£91	£96	£94	£99	£106	£108	£107	£111	£116	£121	£111	£155
ARS I roller blinds															
	£53	£53	£57	£57	£58	£60	£62	£63	£65	£64	£65	£74	£76	£74	£76
ARS II roller blinds															
	£84	£85	£100	£101	£102	£105	£106	£107	£115	£112	£115	£120	£122	£117	£120



dimming roller blind **ARP**

- Protection against sunlight during sunny days
- Possibility to lock the blind in any position

Control:

- ARP manually operated
- **ARP NE Z-Wave** system, controlled by remote control or wall switch. AKZ connection kit is required (sold separately).
- ARP Z-Wave Solar controlled by remote control, recommended in places where there is no 230V power supply
- **ARP NE WiFi Tuya** can be operated by apps: Tuya Smart or Smart Life. AKZ connection kit is required (sold separately).



INTERNAL BLINDS

dimensions [cm] size symbol	55x78 01	55x98 02	55x118 16	66x98 03	66x118 04	78x98 05	78x118 06	78x140 07	78x160 13	94x118 08	94x140 09	114x118 10	114x140 11	134x98 12	94x160 80
ARP I dimming rol	ller blinds														
	£81	£81	£97	£97	£97	£101	£101	£101	-	£111	£111	£120	£126	£120	-
ARP II dimming ro	oller blinds														
	£114	£114	£136	£136	£136	£141	£141	£141	£171	£155	£155	£168	£181	£168	£176
ARP NE Z-Wa	ave I (E	lectr	ic) dimm	ning roller	⁻ blinds										
	£255	£258	£261	£261	£268	£268	£273	£278	-	£280	£283	£285	£293	£285	-
ARP NE Z-Wa	ave II (Electi	ric) dimi	ming rolle	er blinds										
	£271	£273	£277	£277	£280	£280	£285	£289	£319	£289	£300	£300	£305	£300	£365
ARP Z-Wave	Solar	dimmin	g roller bli	nds											
	£341	£346	£351	£357	£362	£365	£367	£368	£389	£373	£378	£383	£389	£392	£394
ARP Z-Wave	Solar	dimmi	ng roller b	linds											
	£359	£362	£370	£375	£380	£383	£384	£387	£407	£391	£396	£402	£407	£410	£410
ARP NE WiFi	Tuya l	dimmin	g roller blir	nds											
	£358	£363	£366	£366	£377	£377	£383	£390	-	£394	£397	£401	£411	£401	-
ARP NE WiFi	Tuya l	dimmir	ng roller bl	inds											
	£380	£382	£385	£385	£390	£390	£394	£396	£422	£396	£405	£405	£412	£405	£455



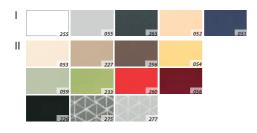


blackout blinds

- Very good protection from sunlight
- Possibility to lock the blind in any position
- Partial protection from solar heat

Control:

- **ARF** manually operated
- **ARF NE Z-Wave** system, controlled by remote control or wall switch. AKZ connection kit is required (sold separately).
- **ARF Z-Wave Solar** controlled by remote control, recommended in places where there is no 230V power supply
- **ARF NE WiFi Tuya** can be operated by apps: Tuya Smart or Smart Life. AKZ connection kit is required (sold separately).



INTERNAL BLINDS

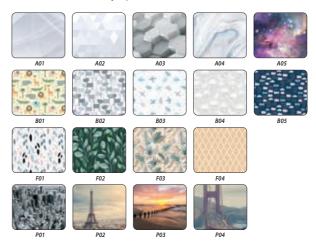


blackout blinds **ARF** Print

- Very good protection from sunlight
- Possibility to lock the blind in any position
- Partial protection from solar heat

Control:

• ARF Print manually operated



dimensions [cm] size symbol	55x78 01	55x98 02	55x118 16	66x98 03	66x118 04	78x98 05	78x118 06	78x140 07	78x160 13	94x118 08	94x140 09	114x118 10	114x140 11	134x98 12	94x160 80
ARF I blackout	blinds														
	£90	£90	£108	£108	£108	£110	£114	£118	£129	£129	£129	£132	£150	£132	£150
ARF II blackou	t blinds														
	£130	£130	£149	£149	£149	£153	£158	£164	£177	£177	£181	£186	£206	£186	£206
ARF Print b	lackout blinds														
	£136	£136	£155	£155	£155	£160	£165	£172	£185	£185	£190	£194	£216	£194	-
ARF NE Z-V	Vave I (E	lectri	c) blackd	out blinds	5										
	£258	£261	£264	£264	£271	£271	£276	£280	£285	£283	£285	£289	£298	£288	£300
ARF NE Z-V	Vave II (I	Electr	ic) black	out blind	ds					-					
	£266	£268	£273	£273	£277	£277	£280	£285	£298	£285	£293	£298	£301	£298	£308
ARF Z-Wav	e Solar I	blackout	t blinds												
	£362	£365	£370	£370	£379	£379	£386	£393	£400	£396	£400	£405	£417	£403	£420
ARF Z-Wav	e Solar I	blackou	ut blinds												
	£380	£383	£389	£389	£398	£398	£405	£412	£420	£416	£420	£425	£438	£423	£441
ARF NE Wi	Fi Tuya l	blackout	blinds												
	£345	£348	N/A	£353	£361	£361	£368	£375	£381	£378	£381	£386	£398	£384	£401
ARF NE Wi	Fi Tuya l	blackou	ıt blinds												
	£362	£366	N/A	£371	£379	£379	£386	£393	£400	£397	£400	£405	£417	£404	£421



pleated blinds **APS**

- Provide a soft and diffused light into the room
- Possibility to lock the blind in any position
- Top-down system easy operation by top and bottom bar



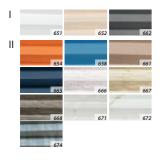
pleated blinds

- Gradual reduction of the incoming sunlight up to the black out
- Possibility to lock the blind in any position
- Top-down system easy operation by using the upper and lower beams



insect screen AMS

- Protection against insects
- Minimum shading of the roomCan be installed with other internal
- and external accessories



PLEATED BLINDS

I 601 II 602 603 600 606 607 600

dimensions [cm] size symbol	55x78 01	55x98 02	55x118 16	66x98 03	66x118 04	78x98 05	78x118 06	78x140 07	78x160 13	94x118 08	94x140 09	114x118 10	114x140 11	134x98 12	94x160 80
APS I pleated blin	ds														
	£82	£87	£92	£92	£97	£95	£100	£108	£118	£111	£118	£126	£137	£131	£142
APS II pleated bli	nds														
	£119	£126	£132	£132	£138	£135	£142	£151	£164	£158	£164	£174	£188	£180	£209
APF I pleated blin	ds														
	£117	£117	£141	£141	£141	£144	£146	£154	£165	£165	£165	£173	£194	£174	£194
APF II pleated bli	nds														
	£150	£150	£180	£180	£180	£184	£187	£198	£211	£211	£211	£221	£248	£222	£248
INSECT SCREE	NS														
dimensions [cm] size symbol	55x78 01	55x98 02	55x118 16	66x98 03	66x118 04	78x98 05	78x118 06	78x140 07	78x160 13	94x118 08	94x140 09	114x118 10	114x140 11	134x98 12	94x160 80
AMS 200 insec	t screen suit	table for v	vindow rev	/eal lengt	hs of up to	200cm									

£137

-

-

-

£137

£147

£147

£147

£147

£156

£156

£174

£174

£177

51

-



WINDOW LOCK ACCESSORIES



Window lock **ZBL**

• ZBL window lock prevents accidental opening of the window. It is installed in the bottom part of the window.

ZBL £52





• Window restrictor -enabling safe sash opening in the tilt position up to 10cm

ZBB £54



Handle with lock **ZBH**

• ZBH handle can be used to secure your FAKRO roof window due to its locking mechanism.

ZBH	£52

MANUAL CONTROL ACCESSORIES



Telescopic pole ZST

• Enables the operation of windows and blinds that are beyond the users reach. It can reach up to 2.7m but an extension pole (ZSP) is available



- Rod ZSZ
- The ZSZ is a round-shaped aluminium bar for opening and closing the AMZ awning blinds installed in out-of-reach positions. The standard length of the ZSZ is 150cm.



ELECTRIC BLINDS CONTROL ACCESSORIES



AKZ connection set

- The AKZ connection set enables the connection of internal Z-Wave (electric) or WiFi blinds to a manual roof window. The power supply and remote control must be purchased separately.
- The AKZ connection set in the correct version must be purchased for the electric internal accessories:
- **Connection kit A** for FT_/FP_/FN_ windows manufactured up to 2006 and for PT_/PP_ windows.
- **Connection set B** for windows FT_/FP_/ FN_ manufactured from 2007 onwards.

AKZ A 7044	£32
AKZ A 9010	£32
AKZ B 7044	£32
AKZ B 9010	£32

The AKZ connection set enables the connection of internal electric blinds to the power supply of roof windows without a factory-fitted electric system.



ZRH12 remote control

• Designed for all FAKRO Z-Wave devices, also in the Solar version.

ZRH12 £131



ZZ60H power supply

• Hermetic power supply 15V DC is used in powering FAKRO Z-Wave devices.

It's hermetic and to be installed outside the distribution box.

ZZ60H £127





INSTALLATION ACCESSORIES

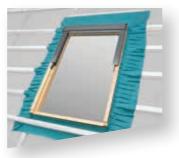
FAKRO installation accessories provide an enhanced connection between the roof window and the roof construction. Using the under felt collar with thermo-insulation and air-tight flashing ensures the complete protection of a fitted roof window. Accessories manufactured by FAKRO will prolong the life of the window. The installation accessories reduce the risk of thermal bridging and guarantee the proper draining of any moisture around the FAKRO window. The fast finishing around the window from inside can be made thanks to the FAKRO original linings.

The shaping and forming of the window reveals (horizontal at the top and vertical at the bottom) is an important design consideration as it allows the maximum amount of natural daylight into the room and an efficient circulation of air around the window.



XDK Insulating set

• Consists of the XDP breather membrane collar and XDS airtight flashing – providing better insulation around the window.



XDP Plus Insulating set

- The set consists of a pleated, airpermeable membrane and thermoinsulating material made of natural wool.
- The insulating set has specially designed, heat-sealed pleats made on the outer edge of the side elements, allowing precise fitting of the flashing around the battens.



XDS Air-tight flashing

• Is secured internally to form air-tight barrier around the window against warm and humid air as any moisture on the surface of the insulation greatly reduces its thermal insulation properties



XLC Lining

• The internal lining is designed to ensure a secure finish around the window from the inside of the room.



XS____ Duet Slat

- Installed from the inside of the room.
- Made of a high quality pine in natural colour XSP on white XSW.

INSTALLATION		SORIES	5												
dimensions [cm] size symbol	55x78 01	55x98 02	55x118 16	66x98 03	66x118 04	78x98 05	78x118 06	78x140 07	78x160 13	94x118 08	94x140 09	114x118 10	114x140 11	134x98 12	94x160 80
XDK XDP + XDS in	nsulating set														
	£68	£68	£68	£68	£68	£68	£68	£74	£80	£74	£74	£74	£74	£74	£80
XDP Plus insulat	ting collar														
	£42	£42	£45	£45	£46	£46	£47	£50	£51	£50	£51	£53	£54	£53	£54
XDS air-tight flash	ing														
	£42	£42	£42	£42	£42	£42	£42	£46	£49	£46	£46	£46	£46	£46	£49
XLC-F 40 & X	(LC-P 4	0 intern	al lining												
	£387	£417	£424	£424	£451	£451	£471	£498	£556	£498	£512	£512	£539	£539	£572
XLC-F 30 & X	(LC-P 3	0 intern	al lining												
	£299	£311	£317	£317	£335	£335	£354	£366	£415	£366	£384	£384	£403	£403	£433
XSP, XSW D	JET SL	AT desig	gned for ea	asy and n	eat finishir	ng of the	joints betv	veen verti	ically com	bined win	dows				
	£31	£31	£31	£31	£31	£37	£37	£37	£37	£40	£40	£43	£43	£46	£40

STALLATION ACCESSORIES









A flat roof window frame is constructed using reinforced multi-chamber UPVC profiles. The internal surface of the frame is white (RAL 9010). The material used in the profile features high resistance against acids and has low moisture absorption. As a result, the window can be installed in every room.

Profiles are filled with insulation material, thus additionally improving the energy saving parameters of the product. The specially profiled covering material under the frame drip cap further improves the ultimate finish between the window and the roof covering.







The servo-motor in electrically opened windows is positioned in the sash and is protected against adverse weather conditions such as rain and snow.

This ensures trouble free operation of the servo-motor and all control elements.



The electrically operated windows (type C, type F, type G and type Z) have a built-in sensor that automatically activates the sash closing function when it rains.

Electric actuator situated in the window sash allows for sash maximum microopening up to 120mm.

SAFETY & FUNCTIONALITY



HIGH SAFETY

Flat roof windows DMF DU6 Secure, DXF DU6 Secure, DMC P4 Secure and DXC P4 Secure comply with European anti-burglary class RC2 (EN 1627). They are also characterised by the highest impact resistance (Class SB 1200 - EN 1873). Installation of such windows in flat roofs increases operational safety and anti-burglary resistance of buildings.



AMPLE NATURAL LIGHT

The basic function of the window is to provide an abundance of natural light in buildings with flat roofs. With specially designed shapes of the sash and frame profiles, flat roof windows feature up to 16% greater glazing area when compared with other manufacturer's windows of a similar size. With such solution interiors under a flat roof are full of daylight.



NON-STANDARD SIZES

In addition to standard sizes, type F windows can be manufactured in non-standard dimensions (in the range of 60x60cm - 120x220cm). Thermal insulation standards of buildings have been significantly increased and old skylights in flat roofs will not meet current requirements. The specification of a type F window enables existing, often non-standard skylights to be replaced with ease. Taking advantage of such opportunity provides high flexibility when designing or renovating buildings.



ACCESSORIES AND CONTROL

Installing the right internal and external accessories enhances functionality and aesthetic appearance of windows in the roof. Use of an external awning blind protects the room from overheating, while internal accessories provide protection from intense sunlight and enhance interior design.



FLAT ROOF WINDOWS TYPE F

- The D_F non-domed flat roof window is characterised by exceptional thermal insulation qualities and innovative design.
 - Suitable for roof pitches between 2 and 15 degrees.
- Can be mounted on an additional base with a height of 15cm.
- Solar version available powered by solar energy through the included PV panel and built-in SOLAR battery.
 - Secure version available.



GLAZING EXPLAINED

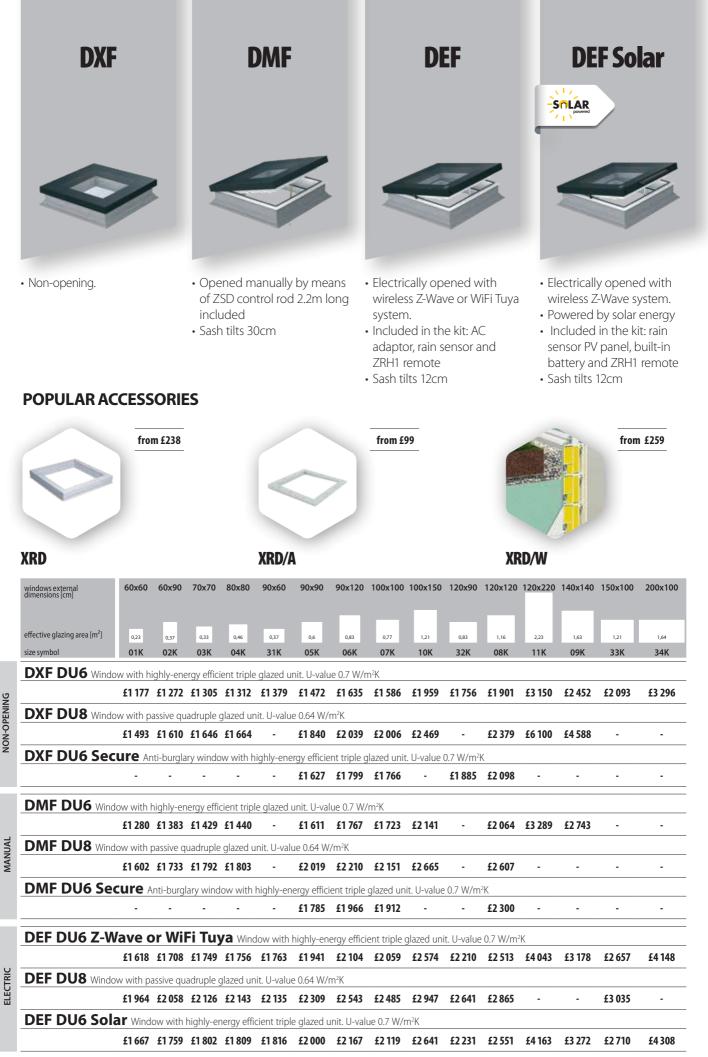


DU6 - Triple glazed, energy-efficient. U-Value of window 0.7



DU8 - Quadruple glazed, highly energy-efficient. U-Value of window 0.64

SECURE



BLINDS AND ACCESSORIES AVAILABLE. TURN TO PAGE 71.

FAKRO°



FLAT ROOF WINDOWS TYPE G



• Our best selling range of technologically advanced flat roof windows.

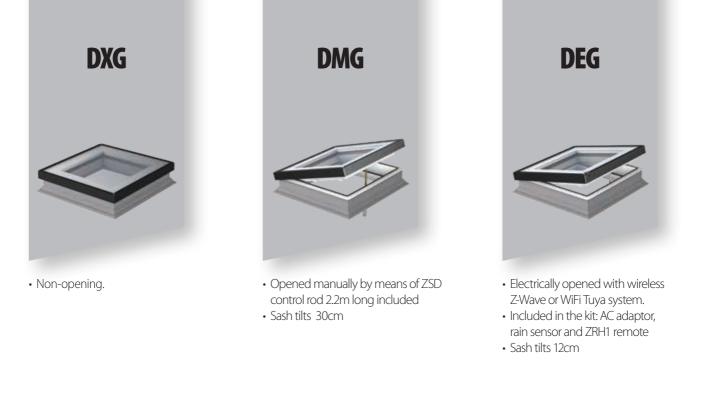
- Can be mounted on an additional base with a height of 15cm.
- Most sizes are suitable for roof pitches between 2 and 15 degrees sizes from 140x140 to 120x220cm require the roof pitch to be between 5-15 degrees.



GLAZING EXPLAINED

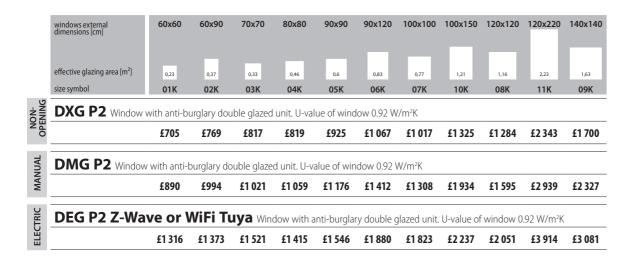


P2 - **Double glazed**, toughened outer pane. U-Value of window 0.92



POPULAR ACCESSORIES







FLAT ROOF WINDOWS TYPE Z



• The type Z windows are built based on the design of the type G windows.

• A specially constructed glass segment with a slope on the outer surface allows drainage of water.



• The type Z flat roof window is suitable for roof pitches 0-15°.



• Window design allows for the installation of internal accessories. Version with factory fitted AMZ/Z awning blind.

GLAZING EXPLAINED



P2 - **Double glazed**, toughened outer pane. U-Value of window 0.95



	windows external dimensions [cm]	60x60	60x90	70x70	80x80	90x60	90x90	90x120	100x100	120x90	120x120
	<i></i>		-	-	-		-		-	-	
	effective glazing area [m ²]	0,23	0,37	0,33	0,46	0,37	0,6	0,83	0,77	0,83	1,16
	size symbol	01K	02K	03K	04K	31K	05K	06K	07K	32K	08K
	DXZ-A P2 AN	IZ/Z Win	idow witha	nti-burglar	ry double g	glazed unit.	. U-value of	^r window ().95 W/m²K		
		£1 454	£1 566	£1 621	£1 677	£1 566	£1 789	£2 013	£2 068	£2 013	£2 385
	DXZ-B P2 AN	Z/Z Win	dow witha	nti-burglar	y double g	lazed unit.	U-value of	window C	0.95 W/m²K		
		£1 230	£1 287	£1 342	£1 397	£1 342	£1 454	£1 510	£1 566	£1 645	£1 677
ľ	DMZ-A P2 AM	MZ/Z Wi	ndow with	anti-burgla	ary double	glazed uni	t. U-value c	of window	0.95 W/m ²	K	
		£1 571	£1 691	£1 752	£1 813	-	£1 950	£2 175	£2 234	-	£2 520
	DMZ-B P2 AM	NZ/Z Wi	ndow with	anti-burgla	ary double	glazed uni	t. U-value c	of window	0.95 W/m²ł	<	
		£1 397	£1 454	£1 510	£1 566	-	£1 621	£1 845	£1 901	-	£2 068
Ľ	DEZ-A P2 AN	Z/Z Win	dow witha	nti-burglar	y double g	lazed unit.	U-value of	window C	1.95 W/m²K		
		£1 884	£2 029	£2 102	£2 175	-	£2 247	£2 608	£2 682	-	£3 025
ľ	DEZ-B P2 AM	Z/Z Win	dow witha	nti-burglar	y double g	lazed unit.	U-value of	window 0	.95 W/m²K		
11		£1734	£1 845	£1 957	£2 068	_	£2 181	£2 405	£2 460	_	£2 739

BLINDS AND ACCESSORIES AVAILABLE. TURN TO PAGE 71.

FLAT ROOF WINDOWS TYPE C

015

• The type C flat roof window with a dome made of durable polycarbonate.

• Can be mounted on an additional base with a height of 15cm.

• Suitable for roof pitches between 0 and 15 degrees.



• Accessories available.

GLAZING EXPLAINED

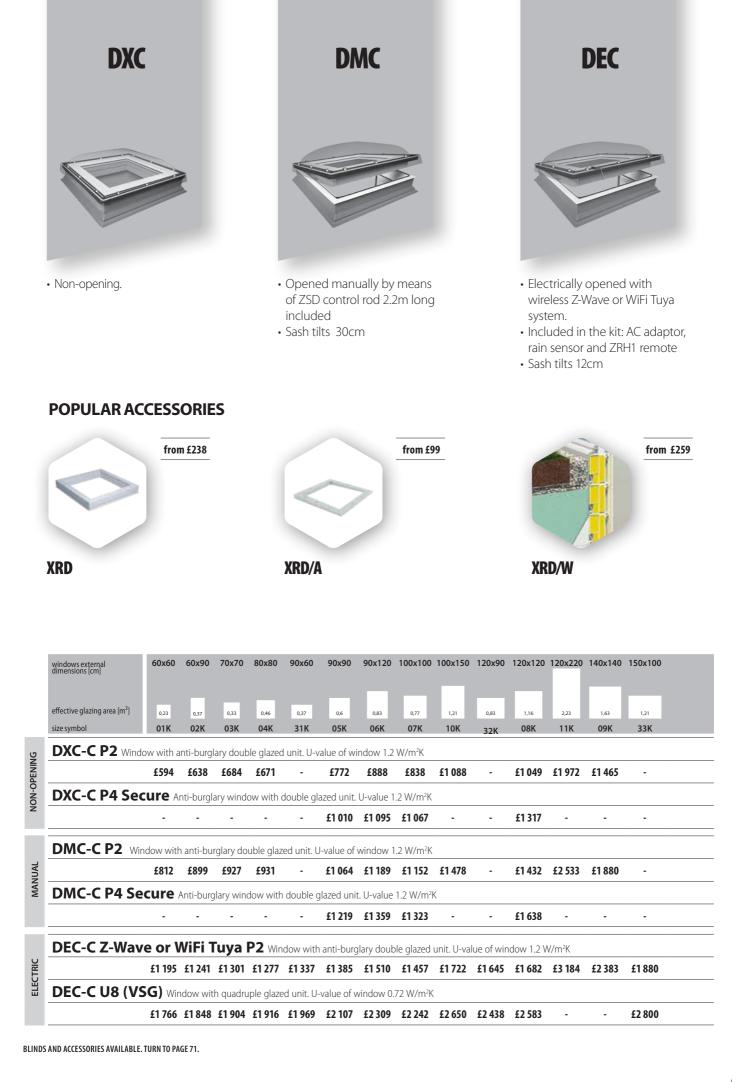


P2 - **Double glazed**, toughened outer pane. U-Value of window 1.2



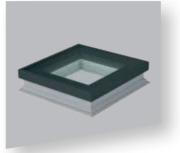
U8 - Quadruple glazed, highly energy-efficient. U-Value of window 0.72

PROVIDES LARGE AMOUNT OF LIGHT



FLAT ROOF WINDOWS





DXW

- Non-opening.
- Enhanced load capacity
- High resistance to break-in attempts thanks to reinforced design.

WALK ON FLAT ROOF WINDOWS

- The frame of the flat roof window is constructed of multi-chamber UPVC profiles filled with insulation material. The upper part of the window comes with an innovative flat glazing unit.
- The window comes with passive, double-chamber glazing unit with a U-value of 0.50 W/m²K.
- Reduced heat loss (Uw=0.70 W/m²K).

GLAZING EXPLAINED

DW6 - Triple glazed, walk-on

	windows external dimensions [cm]	60x60	60x90	70x70	80x80	90x60	90x90	90x120	100x100	120x90	120x120
	effective glazing area [m ²] size symbol	0,23 01K	0,37 02K	0,33 03K	0,46 04K	0,37 31K	0,6 05K	0,83 06K	0,77 07K	0,83 32K	1,16 08K
-N-	DXW DW6 U-va	lue of winc	low 0.7W/r	m²K							
NON-		£1 914	£2056	£2125	£2 156	£2 231	£2383	£2622	£2552	£3 461	£3 093

BLINDS AND ACCESSORIES AVAILABLE. TURN TO PAGE 71.

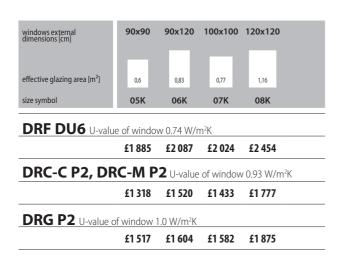


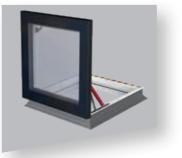
FLAT ROOF ACCESS

- Provide safe and convenient access to the flat roof.
- Special hinges and a functional method of operation enables the sash to be opened to 80° degrees for 90x90 & 100x100 sizes, 60° degrees for 90x120 & 120x120 sizes.
- Application of anti-slip covers on profiles window allows its installation, e.g. in green or living roofs.
- Gas springs facilitate operation of the sash and keep it stable in the open position, thus protecting against accidental closing.

GLAZING EXPLAINED

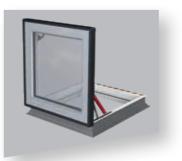
DU6 - Triple glazed, highly energy-efficient. **P2** - Double glazed, toughened outer pane.





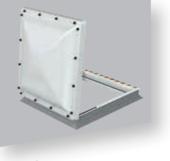
DRF

- Flat access roof light without a dome
- DRF goes with ZBR lock
- The type F flat access roof light is suitable for roof pitches between 2° and 15°



DRG

- Flat access roof light without a dome
- DRG goes with ZBR lock and is compatible with ZBL/D, XRD/W
- Is suitable for roof pitches between 2° and 15°



DRC

- Flat access roof light with a dome. The dome can be transparent (DRC-C) or opaque (DRC-M).
- The type C flat access roof light is suitable for roof pitches between 0° and 15°.

FAKRO°





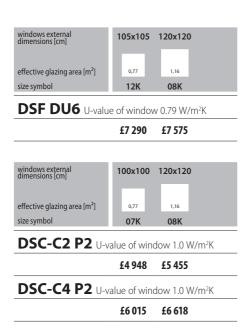
DSFSmoke ventilation flat roof window with 4 actuators to raise the sash

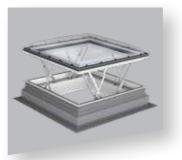
SMOKE VENTILATION FLAT ROOF WINDOWS

- DSF, DSC smoke ventilation flat roof windows are used for extraction of smoke and heat emitted in a building during a fire. This is a perfect solution for stairwells where under normal operating conditions this window serves the purpose of room ventilation and lighting.
- FAKRO smoke ventilation windows combine the standard function of a roof window with that of automatic smoke evacuation in a single product.
- Suitable for roof pitches between 0° and 15°. When installing, windows must be level.

GLAZING EXPLAINED

DU6 - Triple glazed, highly energy-efficient. P2 - Double glazed, toughened outer pane.





DSC

- Smoke ventilation flat roof window with a dome made of durable polycarbonate. The window is offered in two versions:
- DSC-C2 P2 with 2 actuators to raise the sash
- DSC-C4 P2 with 4 actuators to raise the sash





DRL

• Sizes of the roof access door are adjusted according to the size of LML loft ladder (loft ladders are sold separately - see Loft Ladder Catalogue).

FLAT ROOF ACCESS DOOR

- The DRL roof access door is an innovative product, providing safe and comfortable access to the flat roof. Its structural durability and range of sizes provide the perfect combination with a loft ladder.
- Insulated sash equipped with a rubber seal ensures perfect thermal insulation performance.
- The sash can be opened up to 60°. Gas springs facilitate opening and closing and the sash can be left in open position.

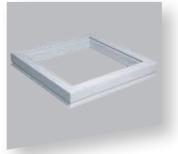


LML

windows external	60x120	70x120	70x130	70x140	86x130	92x130
dimensions [cm]		_				
DRL + LML 28	0 LOFT	LADDE	R U-value	of door 0.6	7 W/m²K	
DRL + LML 28	60 LOFT £2 162	LADDE £2 234	R U-value £2 304	of door 0.6 £2 376	7 W/m²K £2 794	£2 880
DRL + LML 28 DRL + LML 30	£2 162	£2 234	£2 304	£2 376	£2 794	£2 880







Installation base **XRD**

- The XRD installation base is designed for flat roof windows type C, G, F and type Z. It allows you to raise the window above the flat roof by an additional 15cm
- Reduces the time it takes to install a window on a flat roof with an upstand which can raise a window up if required (e.g. green or gravel roofs)
- The profile of the XRD installation base is made of recycled material (grey colour) and is eco-friendly.
- The profile is filled with insulation material (polystyrene) to ensure a high standard of insulation

ACCESSORIES

dimensions [cm] size symbol	60x60 01K	60x90 02K	70x70 03K	80x80 04K	90x60 31K	90x90 05K	90x120 06K	100x100 07K	100x150 10K	120x90 32K	120x120 08K	120x220 11K	140x140 09K
XRD													
	£238	£251	£264	£264	-	£279	£307	£305	£343	-	£336	£403	£389
XRD/W													
	£259	£271	£287	£287	-	£304	£335	£330	£373	-	£368	£436	£425
XRD/A													
	£99	£111	£112	£112	-	£119	£150	£153	£191	-	£166	£253	£198



Awning blind AMZ/F Solar

- For type F and G roof windows
- Comfortable, automatic operation of the blind (intelligent system controls the awning blind depending on the insolation level). Photovoltaic panels act as a sensor and react to solar radiation.
- High insolation levels trigger the awning blind to unroll automatically. In cloudy weather, the awning blind rolls back up automatically without any user intervention

• Powered by a solar battery pack. Control:

- Automatic operation or remote control (remote control is not included)



Awning blind AMZ/CZ-Wave

- For type C, F and G roof windows
- Opened with wireless Z-Wave system
- Innovative profile system enables installation of the awning blind under the window's dome
- Powered from the mains. Control:
 - Remote control or wall switch



Blackout blinds **ARF/D**

- Very good protection from sunlight
- The possibility of darkening the room
- Possibility to lock the blind in any position
- Partial protection from solar heat

Full range of colours available on page 50.

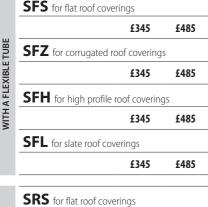
(
dimensions [cm] size symbol	60x60 01K	60x90 02K	70x70 03K	80x80 04K	90x60 31K	90x90 05K	90x120 06K	100x100 07K	100x150 10K	120x90 32K	120x120 08K	120x220 11K	140x140 09K
AMZ/F Solar I													
	£699	£699	£722	£722	-	£741	£752	£741	£900	-	£771	£1 143	£970
AMZ/F Solar I	I												
	£741	£741	£766	£766	-	£789	£801	£789	£964	-	£820	£1 219	£1 033
AMZ/C Z-Wav	e l												
	£332	£341	£346	£351	-	£368	£675	£379	£714	-	£724	£833	£752
AMZ/C Z-Wav	e II												
	£381	£389	£400	£404	-	£424	£772	£435	£813	-	£824	£950	£861
dimensions [cm] size symbol	60x60 01K	60x90 02K	70x70 03K	80x80 04K	90x60 31K	90x90 05K	90x120 06K	100x100 07K	100x150 10K	120x90 32K	120x120 08K	120x220 11K	140x140 09K
ARF/D I													
	£89	£89	£96	£101	-	£108	£118	£118	-	-	£121	-	£145
ARF/D II													
	£101	£101	£107	£118	-	£126	£136	£136	-	-	£139	-	£165
ARF/D Z-Wave	e I												
	£327	£327	£334	£336	-	£346	£351	£351	£397	-	£380	-	-
ARF/D Z-Wave	e II												
	£335	£335	£341	£346	-	£353	£361	£361	£405	-	£388	-	-
ARF/D Solar I					-								
	£341	£341	£353	£356	-	£366	£368	£368	£422	-	£397	£447	£430
ARF/D Solar I													
	£348	£348	£361	£363	-	£373	£375	£375	£430	-	£405	£458	£448
ZRD	£106	Z	BR		£61	Ζ	BL/D		£58				



PITCHED ROOF LIGHT TUNNELS

- The light tunnel enables illumination of all rooms in the building, even those which cannot be fitted with roof windows or vertical windows.
- Using light tunnels in rooms devoid of daylight lets natural light inside for better illumination. In other rooms, the light tunnel can constitute an additional light source, enhancing the user's comfort and saving energy.

light tunnel diameter [cm]	35	55*
tube length [cm]	210	210





light tunnel diameter [cm]	35	55
SLM 30 tube exter	nsion kit, len	gth 30cm
	£76	£86
SLM 60 tube exter	nsion kit, len	gth 60cm
	£89	£101
SLM 90 tube exter	nsion kit, len	gth 90cm
	£100	£118
SLM 120 tube ext	ension kit, l	ength 120cm
	£92	£128
SLM 210 tube ext	ension kit, l	ength 210cm
	£154	£191



SF_

LIGHT TUNNELS WITH FLEXIBLE TUBE

• Equipped with integrated flashing. Three types of flashings are available: for flat, corrugated and high profile roof coverings.



SR__LIGHT TUNNELS WITH RIGID TUBE

• Equipped with integrated flashing. Three types of flashings are available: for flat, corrugated and high profile roof coverings.

light tunnel diameter [cm]	35	55
SRM tube extension	n kit, length 6	51cm
	£106	£140
SRK changes the an transmitting tub	gle of the lig <u>e in the rang</u>	ht e of 0-45°.
	£143	£279
SLO light kit		

For the SR_550 and SR_-L 550 light tunnel, the SRK elbow is not included and must be purchased separately.



FLAT ROOF LIGHT TUNNELS

- Flat roof light tunnels make it possible to illuminate all rooms under flat roofs with natural light.
- A great addition due to it's design, the type C flat roof window has a dome that ensures high durability and air tightness.
- Base of the light tunnel is filled inside with insulation material to secure excellent thermal insulation performance.
- Installation of light tunnels allows daylight to rooms under flat roofs.



light tunnel diameter [cm]	35	55					
SLM 30 tube exter	nsion kit, len	gth 30cm					
	£76	£86					
SLM 60 tube exter	nsion kit, len	gth 60cm					
	£89	£101					
SLM 90 tube exter	nsion kit, len	gth 90cm					
	£100	£118					
SLM 120 tube ext	ension kit, l	ength 120cm					
	£92	£128					
SLM 210 tube extension kit, length 210cm							
	£154	£191					



SFF

LIGHT TUNNELS WITH FLEXIBLE TUBE

• A skylight with a flexible lighttransmitting tube that allows you to bypass potential structural obstacles. The length of the tube is 210 cm.



SRF

LIGHT TUNNELS WITH RIGID TUBE

- The light tunnel with the rigid light transmitting tube with a length of 61cm.
- The tube can be extended using a special SRM extension kit.

35	55
ı kit, length 6	61cm
£106	£140
gle of the lig e in the rang	ht e of 0-45°.
£143	£279
£62	£65
	kit, length 6 £106 gle of the lig <u>e in the rang</u> £143

ROOF WINDOW PERFORMANCE AT A GLANCE

Centre pivot roof windows are still the most popular design, with a wide variety of options including highly energy-efficient windows suited to airtight construction, burglar–resistant windows (particularly suited to low pitch roofs and multioccupancy buildings). All can be rotated through 180° to clean the outer pane from within the room. A choice of natural pine, white acrylic, white PU-coated pine and UPVC is available.

STANDARD ROOF WINDOWS

type				CE	NTRE PIVOT				T	OP HUNG AND F	PIVOT WINDOV	VS
										An em sea		
material	wood PVC				WC	bod	WC	od	W	bod	P١	/C
natural pine	FTP-V P2	FTP-V P5	—	—	FTP-V P2 Z-wave, Solar, WiFi	FTP-V P5 Z-wave, Solar, WiFi	FTT U8 Thermo	FTT U6	FPP-V P2 preSelectMAX	FPP-V P5 preSelectMAX	-	-
white acrylic	FTW-V P2	FTW-V P5	—	—	FTW-V P2 Z-wave, Solar, WiFi	FTW-VP5 Z-wave, Solar, WiFi	FTT/W U8 Thermo	FTT/W U6	FPW-VP2 preSelectMAX	FPW-V P5 preSelectMAX	-	-
white polyurethane	FTU-V P2	FTU-V P5	—	—	FTU–V P2 Z-wave, Solar, WiFi	FTU-V P5 Z-wave, Solar, WiFi	FTT/U U8 Thermo	FTT/U U6	FPU-V P2 preSelectMAX	FPU-V P5 preSelectMAX	-	-
UPVC	—	—	PTP-V P2	PTP-V P5	—	—	—	—	—	—	PPP-V P2 preSelectMAX	PPP-V P5 preSelectMAX
conservation version:	+	+	+	+	+	+	+	+	+	+	+	+
air inlet	<u>V4</u>	<u>()</u>	V.	35	<u></u>	<u>()</u>	non-vented			<u>60</u>	V	35
air inlet air flow	up to 4	9 m³/h	up to 4	1 m³/h	up to 4	9 m³/h			up to 4	19 m³/h	up to 4	1 m³/h
glazing	double	triple	double	triple	double	triple	quadruple	triple	double	triple	double	triple
Ug (EN 673)	1,0 W/m²K	0,5 W/m ² K	1.0 W/m ² K	0.5 W/m ² K	1,0 W/m²K	0,5 W/m ² K	0.3 W/m ² K	0.5 W/m ² K	1,0 W/m²K	0,5 W/m ² K	1.0 W/m ² K	0.5 W/m ² K
Uw	1,3 W/m ² K	0,97 W/m ² K	1.3 W/m ² K	1.0 W/m ² K	1,3 W/m²K	0,97 W/m ² K	0.58 W/m ² K	0.80 W/m ² K	1,3 W/m ² K	0,97 W/m ² K	1.3 W/m ² K	1.0 W/m ² K
topSafe system	-	F	-	F	-	F	-	F		+	н	F
acoustic insulation	35 dB	35 dB	33 dB	36 dB	35 dB	35 dB	36 dB	38 dB	35 dB	35 dB	33 dB	36 dB
handle	elegant elegant white		eleg	gant	eleg	jant	ele	gant	elegan	t white		
seals		4	1	1		4	! -	-)		4	L	4
installation pitch	15-	90°	15-	90°	15-	90°	15-	70°	15-	-55°	15-	55°

GLAZING UNIT

GLAZING UNIT	U3	P2	P5	U6	U8	R1
GLAZING STRUCTURE	4H-16-4T	4H-15-33.2T	4HS-10-4HT-8-33.2T	6H-18-4HT-18-33.2T	4H-12-4HT-12-4HT- 12-4HT	6H-12-33.2SIT
TECHNICAL SPECIFICATION	ENERGY SAVING	ANTIBURGLARY	SAFE	HIGHLY ENERGY EFFICIENT	PASSIVE GLAZING	SOUND REDUCING
GLAZING	DOUBLE	DOUBLE	TRIPLE	TRIPLE	QUADRUPLE	DOUBLE
INNER LAMINATED GLASS		(CLASS P2A)	(CLASS P2A)	(CLASS P2A)		(CLASS P2A)

Top hung and pivot dual function

roof windows provides total flexibility of use. When open, the top hung function provides an unrestricted field of view at a lower height than a centre pivot window while centre pivot operation enables the sash to be rotated through 180° to clean the outer pane from within the room. A choice of natural pine, white PU-coated pine and UPVC is available. **High pivot roof windows** function in the same way as a centre pivot window but with the axis of rotation slightly higher in the frame to enable even taller people to walk up to the open window. This enables a greater glazing height to be achieved without adding to the window's width. With scope also to choose a twin sash window in a single frame (the FDY-V proSky Duet window), this can extend up to 2.35 metres.

- The Balcony window is the ultimate, modern twin sash window. With the top sash opening as a top hung window, the bottom sash with laminated internal glazing opens from the bottom to reveal built-in balustrades.
- **L-shaped windows** provide scope to take any of FAKRO's standard roof windows into a vertical wall. This gives a much extended field of view and a bigger glazing area which maximises the use of natural daylight.

	HIGH PIV	OT	BALC	ONY	L-SH	APED	SMOKE VENTILATION WINDOW		SIDE HUNG			
T									Internet			
WO	od	wood	WO	od	WC	ood	WC	od	WO	od	P١	/C
FYP-V P2 proSkv	FYP-V P5 proSky	FDY-V P2 Duet proSky	FGH-V P2 Galeria	FGH-V P5 Galeria	BD_P2, BVP P2, BXP P2	BDP5, BVP P5, BXP P5	FSRP2	FSR P5	FWP P2	FWP P5	—	
FYW-V P2 proSky	FYW-VP5 proSky		FGH-V/W P2 Galeria	FGH-V/W P5 Galeria	BD_/WP2, BVWP2,BXWP2	BD_/WP5, BVWP5,BXWP5	FSR/WP2	FSR/WP5	FWW P2	FWW P5	_	—
FYU-V P2 proSky	FYU-V P5 proSky	FDY-V/U P2 Duet proSky	FGH-V/U P2 Galeria	FGH-V/U P5 Galeria	BD_/UP2, BVUP2, BXUP2	BD_/UP5, BVUP5, BXUP5	FSR/UP2	FSR/UP5	FWUP2	FWUP5	—	
—	—	—	—	—	+	+	—	—	—	—	PWP P2	PWP P5
+	+	+	—				—	—	+	+	+	+
<u>V4</u>	<u>99</u>	<u>V4@P</u>	<u>V4</u>	<u>90</u>	—		_	_	_	_	_	_
up to 4	9 m³/h	up to 49 m ³ /h	up to 4	9 m³/h	—		_	_	-	_	-	_
double	triple	double	double	triple	double	triple	double	triple	double	triple	double	triple
1,0 W/m²K	0,5 W/m²K	1.0 W/m²K	1.1 W/m²K	0.5 W/m ² K	1.1 W/m²K	0.5 W/m ² K	1.1 W/m²K	0.5 W/m²K	1.0 W/m ² K	0.5 W/m ² K	1.0 W/m ² K	0.5 W/m ² K
1,3 W/m²K	0,97 W/m ² K	1.3 W/m²K	1.5 W/m ² K	1.1 W/m²K	1.3 W/m ² K	0.88 W/m ² K			1.3 W/m²K	1.1 W/m²K	1.3 W/m²K	1.1 W/m²K
H	-	+	н	-	-	_	_	-	-	-	-	-
35 dB	33 dB	35 dB	35 dB	34 dB	37 dB	38 dB	—	—	35 dB			
eleg	Jant	elegant	eleg	jant	eleç	gant	_	-	stan	dard	stan	dard
2	1	4	2	1	:	2	ź	2	4	ł	4	ļ
20-	65°	25-65°	35-55°	40-55°	9)°	15-	90°	15	55°	15-	55°

FLAT ROOF WINDOW PERFORMANCE AT A GLANCE

Flat roof windows - The special structure of FAKRO flat roof windows provides excellent thermal insulation. The FAKRO product range includes flat roof windows with or without domes (type F, type G,type Z and type C) and walkable window DXW.

Smoke and heat exhaust ventilation flat roof windows DSF, DSC smoke ventilation flat roof windows are used for extraction of

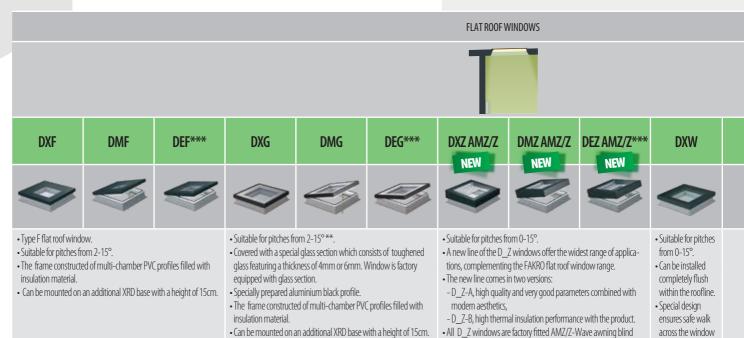
smoke and heat emitted in a building during

Flat roof access windows: Insulated DRF, DRC access roof lights are yet another one of FAKRO's innovative products. The range is expanding and creating solutions which provide safe and convenient access to the roof.

surface

STANDARD FLAT ROOF WINDOWS

a fire.



in 308 colour

GLAZING UNIT

GLAZING UNIT	P2	U8(VSG)	DU6	DU8	DW6
GLAZING STRUCTURE	4-14-33.2	4-10-4-12-4-12-33.2	6-18-4-18-44.2 /6-16-4-18-55.2*	6-10-4-10-4-12-44.2	888.44-16-4-18-66.2
TECHNICAL SPECIFICATION	ANTIBURGLARY	PASSIVE GLAZING	HIGHLY ENERGY EFFICIENT	PASSIVE GLAZING	WALKABLE
GLAZING	DOUBLE	QUADRUPLE	TRIPLE	QUADRUPLE	TRIPLE
INNER LAMINATED GLASS	(CLASS P2A)	(CLASS P2A)	(CLASS P2A)	(CLASS P2A)	(CLASS P2A)

* THE STRUCTURE OF THE GLAZING UNIT FOR SIZE 120x120 AND LARGER

**MINIMUM ROOF PITCH OF 5 DEGREES ON THE G-RANGE IN SIZES 140X140 AND 120X 220 SUITS A ROOF PITCH OF 5-15

***DOES NOT INCLUDE REMOTE CONTROL

Escape - the **DRL** roof access door is an innovative product providing safe and comfortable access to the flat roof. Its structural durability and range of sizes provide the perfect combination with a loft ladder.

			SMOKE AND HEAT E TION FLAT RO	EXHAUST VENTILA- OF WINDOWS	FLAT	ESCAPE			
							T		
	DXC	DMC	DEC***	DSF DSC		DRF	DRC	DRG	
									L
	 Suitable for pitches from 0-15°, Dome made of durable polycarbonate in a transparent or an opaque version 		 Suitable for roof pitches between 0° and 15°. When installing, windows must be level. The frame constructed of multi-chamber PVC 		• Suitable for pitches from 2-15°, • Suitable for pitches from 2-15°, from 0-15°,			 Suitable for pitches from 0–5°, Designed to be installed to- gether with FAKRO loft ladders 	
	version. • Can be mounted on an additional XRD base with a height of 15cm.		 The sash raises easily to when used for everyda In the event of fire the set of the event of the set of the event of	lation material. b a height of 23cm y ventilation.	 Easy and convenient operation thanks to gas springs. Sash opened to 80° (90x120 and 120x120 opened to 60°) Can be mounted on an additional XRD/W base with a height of 15cm (e.g. for installation in green roofs). 			 LML type (comprehensive solution providing convenient access to the flat roof). Easy and convenient operation thanks to gas springs. Sash opened to 60°. 	

FAKRO°



LOFT LADDERS

FOLDING LOFT LADDERS enable safe and easy access to loft spaces without the need for costly and space-consuming staircases. FAKRO ladders satisfy all technical and safety requirements whilst maximising ease of use and comfort.

FAKRO offers a choice of wood and metal loft ladders to satisfy the needs of each individual customer and home. All FAKRO folding ladders offer a high degree of thermal efficiency.

All loft ladders compliant with EN 14975.

LOFT LADDER TYPE	LWK Komfort	LTK Energy	LWF 60	LMF 120	LST
	U=1.1 W/m*K		U-0.64 W/m²K	U=0.79 W/m ² K	U=1.1 W/m ⁻ K
Room height [cm]		280, 305		280, 305	250-280
Вох		pinewood		metal	pinewood
Hatch	thermo-insulating	extra thermo-insulating fire-resistant		fire-resistant	thermo-insulating
Hatch colour	white	white	white	white	white
Ladder		pinewood		metal	metal
Treads	nor	n-slip treads set flush with ladder st	rings	metal, anti-slip	metal, anti-slip
Thermal insulation thickness	3 cm	6 cm 7.9 cm		8cm	3 cm
Hatch thickness3.6 cmMaximum loading160 kg		6.6 cm	8.5 cm	8.2 cm	3.6 cm
		160 kg	160 kg 160 kg		200 kg
*MANUFACTURER'S INTERNAL RES	SEARCH.				





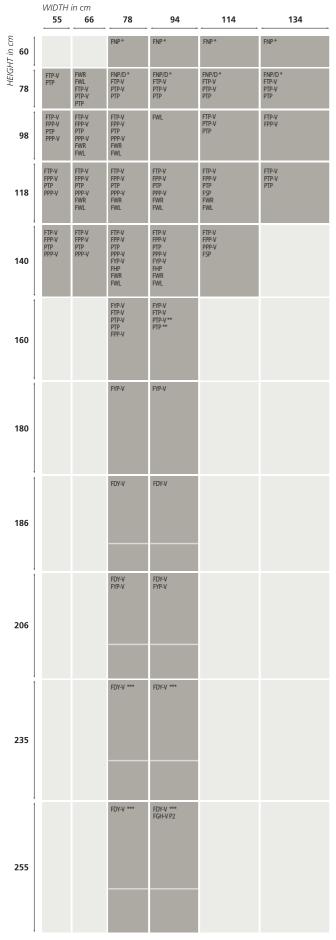
L-SHAPED COMBINATION DOORS

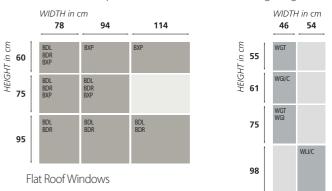
In addition to having a wide range of loft ladders FAKRO also manufacture combination loft doors for installation in walls. These are used to provide access to unused space behind a wall or under stairs. Three models are available, the first and most basic model, the **DWK** insulating door having a 3.6cm thick sash. For added thermal efficiency and airtightness the **DWT** provides a U-value of 0.6 and offers Class 4: EN 12207 performance. Where fire resistance is required, the **DWF** offers double-sided protection (fire classification El₁45 EN 13501-2), as well as exceptional airtightness and thermal insulation.

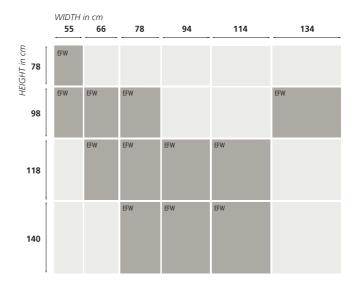
	U= 1.1 W/m ² K		U= 0.6 W/m ² K		U= 0.64 W/m ² K
DOOR TYPE	DWK	DWT		DWF	
			4 % EN12207		4 EN12207 EN135012 EI, 45
	INSULATED	HIGHLY ENERGY E	FFICIENT	FIRE-RESISTAN	т
Sash structure	Frame made of pinewood clad or	n both sides with HDF b	oard and filled	d inside with insulatio	on material
Sash colour		white			
Opening		right or left s	ide		
Closing		universal handle w	ith a lock		
Finishing trims	3.	5 cm wide wooden in a	ı natural colou	r	
Thermal insulation thickness	3 cm		6 cr	n	
Sash thickness	3.6 cm		6.6 c	m	

WINDOW SIZE GUIDE

Simply check the height and width dimensions for your chosen window, and see the choice of products available based on the P2 glazing unit.







FAKRO Light Tunnels

FAKRO Light Tunnels are available with either flexible or rigid ducting. Either product may also be purchased with an abutment accessory for fitting on flat roofs.



Conservation Roof Windows

FAKRO supplies the widest range of products and sizes in conservation style. See each section in the price list for full details.



NOTE: THE SIZES NOT STATED IN THE PRICE LIST AVAILABLE TO INDIVIDUAL ORDERS. PRICES ON REQUEST.

- NON-OPENING WINDOWS, PRICES ON REQUEST
 PTP-V P2, PTP P2 RECOMMENDED FOR THE ROOFS WITH PITCH FROM 25 DEGREE
 AVAILABLE TO INDIVIDUAL ORDERS. PRICES ON REQUEST

FAKRO 79





Fakro GB Ltd Fakro House Astron Business Park Hearthcote Road Swadlincote DE11 9DW telephone : 01283 554755 fax : 01283 224545 www.fakro.co.uk e-mail: sales@fakrogb.com

FAKRO RESERVES THE RIGHT TO CHANGE SPECIFICATIONS AND TECHNICAL PARAMETERS OF PRODUCTS WITHOUT PRIOR NOTICE.