



# **CONTENTS**

MANUAL CENTRE PIVOT ROOF WINDOWS	3
CONSERVATION MANUAL CENTRE PIVOT ROOF WINDOWS	4
Z-WAVE (ELECTRIC) & SOLAR CENTRE PIVOT ROOF WINDOWS	
CONSERVATION Z-WAVE (ELECTRIC) & SOLAR CENTRE PIVOT ROOF WINDOWS	
Z-WAVE ELECTRICAL CONTROL ELEMENTS	
SAMPLE USE OF FAKRO Z-WAVE PRODUCTS	8
HIGHLY ENERGY-EFFICIENT CENTRE PIVOT ROOF WINDOWS	
CONSERVATION HIGHLY ENERGY-EFFICIENT CENTRE PIVOT ROOF WINDOWS	
THERMO FLASHINGS	9
TOP HUNG & PIVOT DUAL FUNCTION PRESELECT ROOF WINDOWS	
TOP HUNG PRESELECT MAX ROOF WINDOWS	
CONSERVATION TOP HUNG & CENTRE PIVOT PRESELECT ROOF WINDOWS	11
HIGH PIVOT PROSKY ROOF WINDOWS	11
CONSERVATION HIGH PIVOT PROSKY ROOF WINDOWS	
HIGH PIVOT DUET PROSKY ROOF WINDOWS	
CONSERVATION HIGH PIVOT DUET PROSKY ROOF WINDOWS	12
L-SHAPED COMBINATION ROOF WINDOWS	
Conservation L-shaped combination roof windows	14
BALCONY ROOF WINDOWS	1.4
BALCONY ROOF WINDOWS	14
SIDE HUNG ESCAPE ROOF WINDOWS	1.5
CONSERVATION SIDE HUNG ESCAPE ROOF WINDOWS	
ACCESS ROOF LIGHTS	
ACCESS ROOF LIGHTS	10
SMOKE VENTILATION SYSTEMS	16
STANDARD FLASHINGS	17
FLASHINGS FOR HIGH PIVOT PROSKY ROOF WINDOWS AND HIGH PIVOT DUET PROSKY ROOF WINDOWS	
CONSERVATION STANDARD FLASHINGS.	
CONSERVATION FLASHINGS FOR HIGH PIVOT PROSKY ROOF WINDOWS.	
FLASHINGS FOR L-SHAPED COMBINATION ROOF WINDOWS	
CONSERVATION FLASHINGS FOR L-SHAPED COMBINATION ROOF WINDOWS	
COMBINATION FLASHING.	19
CONSERVATION COMBINATION FLASHING	19
INSTALLATION ACCESSORIES	20
FLAT ROOF SYSTEM	20
EXTERNAL AWNING BLINDS AND SHUTTERS	20
INTERNAL BLINDS	21
FLAT ROOF WINDOWS - TYPE F AND TYPE G	
FLAT ROOF WINDOWS - TYPE Z AND TYPE C	
WALK-ON FLAT ROOF WINDOWS	
WALK-ON FLAT ROOF WINDOWS	24
WALK-ON FLAT ROOF WINDOWS . SMOKE VENTILATION FLAT ROOF WINDOWS. FLAT ROOF ACCESS WINDOWS .	24
WALK-ON FLAT ROOF WINDOWS	24
WALK-ON FLAT ROOF WINDOWS  SMOKE VENTILATION FLAT ROOF WINDOWS  FLAT ROOF ACCESS WINDOWS  FLAT ROOF ACCESS DOOR	24
WALK-ON FLAT ROOF WINDOWS SMOKE VENTILATION FLAT ROOF WINDOWS FLAT ROOF ACCESS WINDOWS FLAT ROOF ACCESS DOOR  INSTALLATION BASE FOR FLAT ROOF WINDOWS	24
WALK-ON FLAT ROOF WINDOWS  SMOKE VENTILATION FLAT ROOF WINDOWS  FLAT ROOF ACCESS WINDOWS  FLAT ROOF ACCESS DOOR  INSTALLATION BASE FOR FLAT ROOF WINDOWS  EXTERNAL AWNING BLINDS FOR FLAT ROOF WINDOWS	24
WALK-ON FLAT ROOF WINDOWS SMOKE VENTILATION FLAT ROOF WINDOWS FLAT ROOF ACCESS WINDOWS FLAT ROOF ACCESS DOOR  INSTALLATION BASE FOR FLAT ROOF WINDOWS	24
WALK-ON FLAT ROOF WINDOWS  SMOKE VENTILATION FLAT ROOF WINDOWS  FLAT ROOF ACCESS WINDOWS  FLAT ROOF ACCESS DOOR  INSTALLATION BASE FOR FLAT ROOF WINDOWS  EXTERNAL AWNING BLINDS FOR FLAT ROOF WINDOWS  INTERNAL BLACKOUT BLINDS FOR FLAT ROOF WINDOWS	24242525
WALK-ON FLAT ROOF WINDOWS SMOKE VENTILATION FLAT ROOF WINDOWS FLAT ROOF ACCESS WINDOWS FLAT ROOF ACCESS DOOR INSTALLATION BASE FOR FLAT ROOF WINDOWS EXTERNAL AWNING BLINDS FOR FLAT ROOF WINDOWS INTERNAL BLACKOUT BLINDS FOR FLAT ROOF WINDOWS LIGHT TUNNELS	2424252525
WALK-ON FLAT ROOF WINDOWS SMOKE VENTILATION FLAT ROOF WINDOWS FLAT ROOF ACCESS WINDOWS FLAT ROOF ACCESS DOOR.  INSTALLATION BASE FOR FLAT ROOF WINDOWS EXTERNAL AWNING BLINDS FOR FLAT ROOF WINDOWS INTERNAL BLACKOUT BLINDS FOR FLAT ROOF WINDOWS LIGHT TUNNELS FLAT ROOF LIGHT TUNNELS	2424252525
WALK-ON FLAT ROOF WINDOWS SMOKE VENTILATION FLAT ROOF WINDOWS FLAT ROOF ACCESS WINDOWS FLAT ROOF ACCESS DOOR INSTALLATION BASE FOR FLAT ROOF WINDOWS EXTERNAL AWNING BLINDS FOR FLAT ROOF WINDOWS INTERNAL BLACKOUT BLINDS FOR FLAT ROOF WINDOWS LIGHT TUNNELS	2424252525

# **CENTRE PIVOT ROOF WINDOWS**



#### MANUAL CENTRE PIVOT ROOF WINDOWS

Our most popular range of windows with a wide range of accessories. In natural pine, white acrylic, white polyurethane and white UPVC.

	windows external dimensions [cm]	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	114x118	114x140	134x98	94x160
	effective glazing area [m²] size symbol	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
	FTP-V P2 Window	w with saf	fety doubl	e glazed u	ınit. Tougl	hened out	er pane. L	aminated	inner pan	e. U-value	of windo	w 1.3 W/	m²K			
		£320	£338	£353	£360	£394	£368	£416	£460	£533	£499	£537	£551	£585	£529	£599
ш	FTP-V P5 Window	w with an	ti-burglar <u>y</u>	/ triple gla	zed unit.	Class P2A I	J-value o	f window	0.97 W/m	<sup>2</sup> K						
NATURAL PINE		£510	£533	£551	£580	£601	£569	£629	£708	£847	£766	£780	£797	£847	£770	£975
ATUR	FTP R1 Window w	ith sound	reducing	glazed un	it, Rw 39	dB non ve	nted, U-va	alue of wi	ndow 1.3 \	N/m²K						
Z		£433	£447	£469	£477	£517	£488	£536	£615	£718	£637	£698	£711	£731	£691	£792
	FTP-V U3 Windo	w with er	nergy savir	ng double	glazed ui	nit. Toughe	ned oute	r pane. U-	value of w	indow 1.3	3 W/m <sup>2</sup> K					
		£316	£334	£348	£367	£389	£363	£410	£454	£569	£515	£530	£545	£598	£523	£563
	ETW V D2 we i	5.1	·		· -				1.			1214				
	FTW-V P2 Wind	£320	£338	£353	£360	ghened ou £394	ter pane.	£416	£460	ne. U-valu <b>£533</b>	e of wind	£537	/m²K <b>£551</b>	£585	£529	£599
WHITE ACRYLIC	FTW-V P5 Wind										2477	2337	2331	2303	LJZJ	LJJJ
TEAC	TIVV-V F 5 WIND	£521	£540	£553	£565	£595	£581	£615	£696	£835	£708	£743	£766	£824	£743	£905
WH	FTW R1 Window										2700	2743	2700	2021	2,113	2,03
	Williadw	£460	£478	£533	£533	£564	£549	£596	£703	-	£707	£778	£794	£816	£780	
			-170								_, _,					
끶	FTU-V P2 Windo	w with sa	fety doub	le glazed ι	unit. Toug	hened out	er pane. l	aminated	inner par	ne. U-valu	e of wind	ow 1.3 W/	′m²K			
THA		£400	£423	£448	£450	£491	£460	£519	£574	£666	£574	£671	£689	£731	£662	£756
WHITE POLY URETHANE	FTU-V P5 Windo	w with ar	nti-burglar	y triple gla	zed unit.	Class P2A	U-value c	of window	0.97 W/m	n²K						
TE PO		£592	£625	£652	£670	£729	£680	£768	£849	£993	£894	£992	£1 020	£968	£979	£986
MH	FTU R1 Window w	vith sound	d reducing	glazed ur	nit, Rw 39	dB non ve	nted, U-v	alue of wi	ndow 1.3	W/m²K						
		£511	£534	£551	£591	£602	£570	£630	£696	£892	£753	£780	£798	£894	£770	£893
	PTP-V P2 Windo	w with sat	fety doub	e glazed i	ınit. Toua	hened out	er pane T	aminated	inner pan	e. U-value	of windo	ow 1.3 W/	m²K			
WHITE UPVC	11 1 <b>1 1 1</b> 1iido	£320	£336	£354	£349	£391	£367	£416	£461	£514	£469	£537	£552	£539	£529	£529
VHITE	PTP-V P5 Windo	w with an	iti-burglar	y triple gla	zed unit.	Class P2A	U-value o	f window	1.1 W/m <sup>2</sup> l	<						
>		£537	£576	£598	£598	£643	£643	£693	£782	-	£793	£826		-	-	

NOTE: OBSCURE E GLAZED (O2) AVAILABLE TO ORDER – PLEASE CONTACT FAKRO SALES OFFICE FOR FURTHER DETAILS

#### **CONSERVATION MANUAL CENTRE PIVOT ROOF WINDOWS**

Roof windows suitable for conservation areas - external colour black RAL 9005 with central mullion bar. In natural pine, white acrylic, white polyurethane and white UPVC.

	windows external dimensions [cm]	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	114x118	114x140	134x98	94x160
	effective glazing area [m²] size symbol	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
	FTP-V/C P2 Window with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K															
		£436	£467	£474	£498	£517	£522	£584	£633	£720	£651	£672	£693	£755	£768	£812
<b>4</b>	FTP-V/C P5 Wi	ndow with	anti-bur	glary triple	glazed u	nit. Class P	2A U-valu	ue of wind	low 0.97 V	V/m²K						
AL PIN		£722	£779	£818	£820	£864	£867	£967	£1 093	-	£1 111	£1 158	£1 200	£1 311	£1 181	-
NATURAL PINE	FTP-V/C P2 V	Kit Win	dow with	n safety do	uble glaz	ed unit. To	ughened	outer pan	e. Lamina	ted inner	pane. U-va	alue of wi	ndow 1.3	W/m²K		
Z		£538	£554	£575	£614	£639	£644	£672	£726	£906	£802	£831	£848	£930	£847	£1 006
	FTP-V/C P2 J	Kit Wind	dow with	safety dou	ıble glaze	d unit. Tou	ghened o	outer pane	e. Laminato	ed inner p	oane. U-va	lue of wir	ndow 1.3 V	V/m²K		
		£563	£627	£649	£654	£718	£704	£754	£813	£959	£845	£902	£939	£990	£947	£1 098
	FTW W/C Do															
	FTW-V/C P2													6760	6702	602.6
	ETW MC DE	£443	£476	£482	£507	£526	£531	£595	£645	£733	£663	£683	£704	£769	£782	£826
YLIC	FTW-V/C P5									W/m²K						
WHITE ACRYLIC		£675	£714	£763	£766	£807	£809	£902	£1 022	•			£1 082		£1 102	•
WHIT	FTW-V/C P2 \															
		£541	£554	£575	£619	£639	£648	£672	£726	£915	£809	£836	£857	£932	£847	£1 006
	FTW-V/C P2 J	Kit Wir	ndow witl	h safety do	ouble glaz	ed unit. To	ughened	outer par	ne. Lamina	ited inner	pane. U-v	alue of w	indow 1.3	W/m <sup>2</sup> K		
		£585	£627	£649	£678	£718	£731	£754	£813	£985	£873	£932	£961	£1 014	£947	£1 127
¥	FTU-V/C P2 w	indow with	n safety d	ouble glaz	ed unit. T	oughened	outer par	ne. Lamina	ated inner	pane. U-v	alue of w	indow 1.3	3 W/m²K			
WHITE POLYURETHANE		£547	£594	£630	£630	£639	£648	£710	£824	£922	£846	£881	£909	£963	£891	£1 066
WHI	FTU-V/C P5 w	indow with	n anti-bur	glary triple	e glazed u	ınit. Class F	P2A U-valı	ue of wind	dow 0.97 V	V/m²K						
<u>8</u>		£786	£856	£887	£897	£917	£946	£1 036			£1 216	£1 272	£1 311	£1 403	£1 282	-
WHITE	PTP-V/C P2 Wi	ndow with	safety do	ouble glaze	ed unit. To	oughened	outer par	ne. Lamina	ated inner	pane. U-v	alue of wi	ndow 1.3	W/m <sup>2</sup> K			
≥ ⊃		£457	£491	£499	£512	£529	£529	£584	£672	£756	£678	£712	£750	£823	£756	£899

NOTE: OBSCURE E GLAZED (O2) AVAILABLE TO ORDER – PLEASE CONTACT FAKRO SALES OFFICE FOR FURTHER DETAILS

### Z-WAVE (ELECTRIC) & SOLAR CENTRE PIVOT ROOF WINDOWS

Electrically and solar controlled roof windows in natural pine, white acrylic and white polyurethane.

	windows oxtornal	55x78	55x98	55x118	66x98	66x118	78x98	70v110	70v1/10	78x160	0/v110	04v140	11/v110	11/1/1/10	12/12/09	94x160
	windows external dimensions [cm]	33876	33890	33X110	00296	00X110	70890	701110	762140	768100	341110	948140	114X110	114X140	134890	948100
	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 Z-Wave	<b>P2</b> W	indow wit	h safety d	ouble gla	zed unit. To	oughened	l outer pa	ne. Lamin	ated inner	pane. U-	value of v	vindow 1.3	3 W/m <sup>2</sup> K		
		£655	£672	£686	£705	£722	£699	£743	£783	£951	£855	£855	£868	£901	£847	£901
ш	FTP-V Z-Wave	<b>P5</b> w	indow wit	:h anti-bur	glary trip	le glazed u	ınit. Class	P2A U-val	ue of win	dow 0.97 \	N/m²K					
IL PIN		£849	£866	£879	£893	£917	£893	£937	£977	-	£1 014	£1 049	-	-	-	-
NATURAL PINE	FTP-V Solar P	<b>2</b> Windo	ow with sa	fetv doub	le glazed	unit. Toual	nened ou	ter pane. I	Laminated	d inner par	ne. U-valu	e of wind	ow 1.3 W/	m²K		
Ž		£672	£693	£725	£735	£756	£761	£814	£830	£935	£851	£866	£866	£908	£882	
	FTP-V Solar P	<b>5</b> Windo	ow with ar	nti-burglar	v triple al	azed unit	Class P2A	U-value o	of window	/ 0 97 W/m	n²K					
		£856	£872	£884	£882	£921	£897	£939	£978	£1075	£992	£1 046				
	FTW-V Z-Wav	e P2	Vindow w	ith safety	double gl	azed unit.	Toughene	ed outer p	ane. Lami	nated inne	er pane. U	-value of	window 1	.3 W/m <sup>2</sup> K		
		£655	£672	£686	£705	£722	£699	£743	£783	£951	£855	£855	£868	£901	£847	£901
2	FTW-V Z-Wav	e P5 v	Vindow w	rith anti-bu	urglary tri	ple glazed	unit. Clas	s P2A U-v	alue of wi	ndow 0.97	W/m²K					
WHITE ACRYLIC		£849	£866	£879	£893	£917	£893	£937	£977	-	£1 014	£1 049	-	-	-	-
Ę	FTW-V Solar F	2 Wind	low with a	afoty doub	blo alazo	dunit Tour	م امممام		Lamainas				-l1214	17217		
			JOVV VVILIT	salety dou	DIE Glazei	a uriit. Tou	gnenea o	uter pane	. Lammate	ea inner pa	ane. U-vai	ue or win	aow 1.3 W	//m²K		
W		£672	£693	£725	• •	£756	£761	£814	. Laminate £830	ea inner pa	ane. u-vai •	£866	£866	//m²K -	£882	
W	FTW-V Solar F	£672	£693	£725	-	£756	£761	£814	£830	-	-			- -	£882	-
W		£672	£693	£725	-	£756	£761	£814	£830	-	-			- -	£882 -	
W	FTW-V Solar F	£672 P5 Wind £856	£693 dow with a £872	<b>£725</b> anti-burgla <b>£884</b>	- ary triple ( <b>£882</b>	<b>£756</b> glazed unit <b>£921</b>	£761 :. Class P2 £897	<b>£814</b> A U-value <b>£939</b>	<b>£830</b> of windo <b>£978</b>	- w 0.97 W/ <b>£1075</b>	- m²K <b>£992</b>	£866 £1046	£866 -	-	£882 -	
W		£672 P5 Wind £856	£693 dow with a £872	£725 anti-burgla £884	- ary triple ( <b>£882</b>	<b>£756</b> glazed unit <b>£921</b>	£761 :. Class P2 £897	<b>£814</b> A U-value <b>£939</b>	<b>£830</b> of windo <b>£978</b>	- w 0.97 W/ <b>£1075</b>	- m²K <b>£992</b>	£866 £1046	£866 -	-	£882 -	-
	FTW-V Solar F	£672 P5 Wind £856 P2 W £729	£693 dow with a £872 /indow wi £750	£725 anti-burgla £884 th safety d £767	f882 louble gla	£756 glazed unit £921 azed unit. T £813	£761 :. Class P2 £897 :oughened £783	<b>£814</b> A U-value <b>£939</b> d outer pa <b>£838</b>	<b>£830</b> of windo <b>£978</b> ane. Lamir <b>£889</b>	- w 0.97 W// £1075 nated inner £982	- m²K <b>£992</b> r pane. U- <b>£912</b>	£866 £1046	£866 -	-	£882 - £969	- - £1 042
	FTW-V Solar F	£672 P5 Wind £856 P2 W £729	£693 dow with a £872 /indow wi £750	£725 anti-burgla £884 th safety d £767	f882 louble gla	£756 glazed unit £921 azed unit. T £813	£761 :. Class P2 £897 :oughened £783	<b>£814</b> A U-value <b>£939</b> d outer pa <b>£838</b>	<b>£830</b> of windo <b>£978</b> ane. Lamir <b>£889</b>	- w 0.97 W// £1075 nated inner £982	- m²K <b>£992</b> r pane. U- <b>£912</b>	<b>£866 £1046</b> value of v	<b>£866</b> - window 1.	- - 3 W/m²K		£1 042
	FTW-V Solar F	£672 P5 Wind £856 P2 W £729	£693 dow with a £872 /indow wi £750	£725 anti-burgla £884 th safety d £767	£882  double gla £785  rglary trip	£756 glazed unit £921 azed unit. T £813	£761  c. Class P2  £897  foughened £783  unit. Class	<b>£814</b> A U-value <b>£939</b> d outer pa <b>£838</b> P2A U-va	£830 of windo £978 ane. Lamir £889 lue of win	- w 0.97 W// £1075 nated inner £982	- m²K <b>£992</b> r pane. U- <b>£912</b> W/m²K	£866 £1046 value of v	£866 - window 1. £994	- - 3 W/m²K <b>£993</b>	£969	£1042
	FTW-V Solar F	£672 P5 Wind £856 P2 W £729 P5 W £898	£693 dow with a £872 findow wi £750 findow wi £928	£725 anti-burgla £884 th safety d £767 th anti-bur	£882 fouble glasses from the first f	£756 glazed unit £921 azed unit. T £813 ble glazed u £1 021	£761  c. Class P2 £897  foughened £783  unit. Class £978	£814 A U-value £939 d outer pa £838 P2A U-va £1 057	£830 of windo £978 ane. Lamir £889 lue of wir £1 131	- www.0.97 W// £1075  mated inner £982  mdow 0.97 £1 260	- m²K <b>£992</b> r pane. U- <b>£912</b> W/m²K <b>£1 123</b>	£866 £1046 vvalue of v £978	£866  - window 1. £994  £1 285	- - 3 W/m²K £993 £1 313	£969	£1042
WHITE POLYURETHANE WH	FTU-V Z-Wave	£672 P5 Wind £856 P2 W £729 P5 W £898	£693 dow with a £872 findow wi £750 findow wi £928	£725 anti-burgla £884 th safety d £767 th anti-bur	£882 fouble glasses from the first f	£756 glazed unit £921 azed unit. T £813 ble glazed u £1 021	£761  c. Class P2 £897  foughened £783  unit. Class £978	£814 A U-value £939 d outer pa £838 P2A U-va £1 057	£830 of windo £978 ane. Lamir £889 lue of wir £1 131	- www.0.97 W// £1075  mated inner £982  mdow 0.97 £1 260	- m²K <b>£992</b> r pane. U- <b>£912</b> W/m²K <b>£1 123</b>	£866 £1046 vvalue of v £978	£866  - window 1. £994  £1 285	- - 3 W/m²K £993 £1 313	£969	£1 042
	FTU-V Z-Wave	£672 P5 Wind £856 P2 W £729 P5 W £898 P2 Windo £714	£693 dow with a £872 /indow wi £750 /indow wi £928 ow with sa £735	£725 anti-burgla £884 th safety d £767 th anti-burgla £952 afety doub	£882 fouble glater triple graph triple glater triple £966 for glazed £788	£756 glazed unit. Tests and the glazed unit. Tests and the glazed unit. Tests and the glazed unit. Toug	£761  c. Class P2 £897  coughened £783  unit. Class £978  hened ou £809	£814 A U-value £939 d outer pa £838 P2A U-va £1 057 ter pane. £861	£830 of windo £978 ane. Lamir £889 lue of wir £1 131 Laminated £887	- w 0.97 W// £1075  hated inne £982 hdow 0.97 £1 260 d inner pai	- m²K  £992  r pane. U- £912  W/m²K £1 123  ne. U-valu £898	£866 £1046  value of v £978 £1 260  de of wind	£866  - window 1. £994  £1 285  dow 1.3 W.	- 3 W/m²K £993 £1 313 /m²K	£969	£1042
	FTU-V Z-Wave FTU-V Z-Wave FTU-V Solar P	£672 P5 Wind £856 P2 W £729 P5 W £898 P2 Windo £714	f693 dow with a f872 findow wi f750 findow wi f928 bow with sa f735 bow with a	£725 anti-burgla £884 th safety d £767 th anti-burgla £952 afety doub	£882 fouble glater triple graph triple glater triple £966 for glazed £788	£756 glazed unit. Tests and the glazed unit. Tests and the glazed unit. Tests and the glazed unit. Toug	£761  c. Class P2 £897  coughened £783  unit. Class £978  hened ou £809	£814 A U-value £939 d outer pa £838 P2A U-va £1 057 ter pane. £861	£830 of windo £978 ane. Lamir £889 lue of wir £1 131 Laminated £887	- w 0.97 W// £1075  hated inne £982 hdow 0.97 £1 260 d inner pai	- m²K  £992  r pane. U- £912  W/m²K £1 123  ne. U-valu £898	£866 £1046  value of v £978 £1 260  de of wind	£866  - window 1. £994  £1 285  dow 1.3 W.	- 3 W/m²K £993 £1 313 /m²K	£969	£1 042
	FTU-V Z-Wave FTU-V Z-Wave FTU-V Solar P	£672 P5 Wind £856 P2 W £729 P5 W £898 P2 Windo £714 P5 Windo £970	fe93 dow with a f872 findow wi f750 findow wi f928 ow with sa f735 ow with a f1005	£725 anti-burgla £884 th safety d £767 th anti-burgla £952 afety doub £777 nti-burglar £1032	£882 double gla £785 rglary trip £966 ble glazed £788 ry triple g	£756 glazed unit. T £813 ble glazed u £1 021 unit. Toug £798 lazed unit. £1107	£761  c. Class P2 £897  foughened £783  unit. Class £978  hened ou £809  Class P2A £1059	£814 A U-value £939 d outer pa £838 P2A U-va £1 057 ter pane. £861 A U-value £1 148	£830 of windo £978 ane. Lamir £889 lue of wir £1 131 Laminated £887 of windov £1230	- 1075 hated inner 1982 hdow 0.97 f1260 d inner pai f945 v 0.97 W/n	- m²K  £992  r pane. U- £912  W/m²K £1 123  ne. U-valu £898  n²K -	£866  £1046  value of v £978  £1 260  te of wind £929  £1374	£866  - window 1. £994  £1 285 dow 1.3 W, £929  £1402	- 3 W/m²K <b>£993 £1 313</b> /m²K <b>£961</b>	£969 £1 248	- £1042 -
WHITE POLYURETHANE	FTU-V Z-Wave FTU-V Z-Wave FTU-V Solar P	£672 P5 Wind £856 P2 W £729 P5 W £898 P2 Wind £714 P5 Wind £970 P2 P2 W	fe93 dow with a f872 findow wi f750 findow wi f928 dow with sa f735 dow with a f1005	£725 anti-burgla £884 th safety d £767 th anti-burgla £952 afety doub £777 nti-burglar £1032	f882 double gla f785 rglary trip f966 ble glazed f788 ry triple g	£756 glazed unit. T £813 sele glazed u £1 021 unit. Toug £798 lazed unit. £1107	£761 c. Class P2 £897 coughened £783 unit. Class £978 hened ou £809 Class P2A £1059	£814 A U-value £939 d outer pa £838 P2A U-va £1 057 ter pane. £861 A U-value £1 148 d outer pa	f830 of windo f978 ane. Lamin f889 lue of win f1131 Laminater f887 of window f1230 ane. Lamin	1075  1075  1075  1075  1076  1077	- m²K  £992  r pane. U- £912  W/m²K £1 123  ne. U-valu £898  n²K  -	£866 £1046 value of v £978 £1 260 te of wince £929 £1374 value of v	£866  - window 1. £994  £1 285 dow 1.3 W, £929  £1402  window 1.	- 3 W/m²K £993 £1 313 /m²K £961 - 3 W/m²K	£969 £1 248 £929	
WHITE POLYURETHANE	FTU-V Z-Wave FTU-V Solar P FTU-V Solar P PTP-V Z-Wave	£672 P5 Wind £856 P2 W £729 P5 Wind £898 P2 Wind £714 P5 Wind £970 P2 P2 W £757	f693 dow with a f872 findow wi f750 findow with sa f735 ow with a f1005 findow wit f775	£725 anti-burgla £884 th safety d £767 th anti-bur £952 afety doub £777 nti-burglar £1032 th safety d	f882 double gla f785 rglary triple f966 ble glazed f788 ry triple g ouble gla f793	£756 glazed unit. T £813 ele glazed u £1 021 unit. Toug £798 lazed unit. £ £1107	£761 c. Class P2 £897 foughened £783 unit. Class £978 hened ou £809 Class P2A £1059 oughened	£814 A U-value £939 d outer pa £838 P2A U-va £1 057 tter pane. £861 A U-value £1148 d outer pa £834	£830 of windo £978 ane. Lamin £889 lue of win £1 131 Laminated £887 of windov £1230 ane. Lamin £887	- www.0.97 W// f1075  hated inner f982 hdow 0.97 f1260 d inner par f945 v 0.97 W/n - hated inner	- m²K  £992  r pane. U- £912  W/m²K  £1 123  ne. U-valu £898  n²K  - r pane. U- £893	£866 £1046 value of v £978 £1 260 te of wince £929 £1374 value of v	£866  - window 1. £994  £1 285 dow 1.3 W, £929  £1402  window 1.	- 3 W/m²K <b>£993 £1 313</b> /m²K <b>£961</b>	£969 £1 248 £929	£1042
	FTU-V Z-Wave FTU-V Z-Wave FTU-V Solar P	£672 P5 Wind £856 P2 W £729 P5 Wind £898 P2 Wind £714 P5 Wind £970 P2 P2 W £757	f693 dow with a f872 findow wi f750 findow with sa f735 ow with a f1005 findow wit f775	£725 anti-burgla £884 th safety d £767 th anti-burgla £952 afety doub £777 nti-burglar £1032 th safety d £787 th anti-bur	f882 double gla f785 rglary triple f966 ble glazed f788 ry triple g ouble gla f793	£756 glazed unit. T £813 ele glazed u £1 021 unit. Toug £798 lazed unit. £ £1107	£761 c. Class P2 £897 foughened £783 unit. Class £978 hened ou £809 Class P2A £1059 oughened	£814 A U-value £939 d outer pa £838 P2A U-va £1 057 tter pane. £861 A U-value £1148 d outer pa £834	£830 of windo £978 ane. Lamin £889 lue of win £1 131 Laminated £887 of windov £1230 ane. Lamin £887	- www.0.97 W// f1075  hated inner f982 hdow 0.97 f1260 d inner par f945 v 0.97 W/n - hated inner	- m²K - f992  r pane. U-f912 W/m²K - f1 123 ne. U-valu f898 n²K - r pane. U-f893	£866 £1046 value of v £978 £1 260 te of wince £929 £1374 value of v	£866  - window 1. £994  £1 285 dow 1.3 W, £929  £1402  window 1.	- 3 W/m²K £993 £1 313 /m²K £961 - 3 W/m²K	£969 £1 248 £929	

### CONSERVATION Z-WAVE (ELECTRIC) & SOLAR CENTRE PIVOT ROOF WINDOWS

Electrically and solar controlled conservation roof windows in natural pine, white acrylic and white polyurethane.

	windows external dimensions [cm]	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	114x118	114x140	134x98	94x160
								п								
	effective glazing area [m <sup>2</sup> ]	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
및	FTP-V/C Z-Wave P2 Window with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K															
NATURAL PINE		£792	£836	£878	£880	£946	£959	£1 026	£1 058	£1 095	£1 081	£1 111	£1 122	£1 172	£1 122	£1 161
IATUR	FTP-V/C Z-Wa	ve P5	Window	with anti-	-burglary	triple glaze	ed unit. C	lass P2A U	I-value of	window 0	.97 W/m <sup>2</sup>	K				
2		£889	£933	£986	£990	£1043	£1056	£1 150	£1212	-	£1240		-	-	-	-
$\leq$	FTW-V/C Z-Wave P2 Window with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K															
ACRY		£799	£845	£885	£887	£956	£967	£1 037	£1 069	£1 106	£1 092	£1 122	£1 135	£1 185	£1 135	£1 176
WHITE ACRYLIC	FTW-V/C Z-W	ave P	<b>5</b> Window	w with ant	ti-burglary	/ triple gla	zed unit.	Class P2A	U-value o	f window	0.97 W/m	ı²K				
>		£986	£1 040	£1 094	£1 101	£1 159	£1 172	£1 278	£1 345	-	£1 378	-	-	-		-
NE	FTU-V/C Z-Wa	ve P2	Window	with safe	ty double	glazed ur	nit. Tough	ened oute	er pane. La	minated i	nner pane	e. U-value	of window	v 1.3 W/m	1 <sup>2</sup> K	
ET T		£854	£895	£954	£954	£1 000	£1 007	£1 097	£1 144	£1 195	£1 168	£1 210	£1 212	£1 272	£1 212	£1 265
WHITE POLYURETHANE	FTU-V/C Z-Wa	ve P5	Window	with anti	-burglary	triple glaz	ed unit. C	lass P2A l	J-value of	window (	).97 W/m <sup>2</sup>	°K				
PC		£1 016	£1 072	£1 127	£1 134	£1 194	£1 208	£1 317	£1 386	-	£1 419	-	-	-	-	-

#### WIFI CENTRE PIVOT ROOF WINDOWS

WiFi controlled roof windows in natural pine, white acrylic and white polyurethane.

	windows external dimensions [cm]	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	114x118	114x140	134x98	94x160
	effective glazing area [m²]	0.31					0.47	0.59	0.72		0.75	0.92	0.95	1.16	0.92	
	size symbol	0.21	0.29	16	0.38	0.47	0.47	0.59	0.72	13	0.73	0.92	10	11	12	80
ш	FTP-V WiFi P2 Window with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K															
NATURAL PINE		£827	£860	£899	£910	£932	£943	£1 009		-	£1 053		£1 086		£1 103	-
IATUR	FTP-V WiFi P5	Window	with anti	-burglary	triple glaz	red unit. C	lass P2A L	J-value of	window 0	).97 W/m <sup>2</sup>	K					
2		£1 034	£1 075	£1 123	£1 137	£1 165	£1 178	£1 261	£1 282	-	£1 316	£1 344	-	-	-	-
	ETW/ V/W:E: D	2												214		
YLIC	FTW-V WiFi P	∠ Windov	w with saf	ety doubl	e glazed i	ınıt. lougi	nened out	ter pane. L	.aminated	inner par	ie. U-value	e of windo	ow 1.3 W/r	n-K		
ACR		£827	£860	£899	£910	£932	£943	£1 009	£1 025	-	£1 053	£1 075	£1 086	£1 130	£1 103	-
WHITE ACRYLIC	FTW-V WiFi P	<b>5</b> Window	w with an	ti-burglary	/ triple gla	azed unit.	Class P2A	U-value c	f window	0.97 W/m	n²K					
>		£1 034	£1 075	£1 123	£1 137	£1 165	£1 178	£1 261	£1 282	-	£1 316	£1 344	-		-	-
빌	FTU-V WiFi P2	2 Window	with safe	ety double	glazed u	nit. Tough	ened oute	er pane. La	aminated i	inner pane	e. U-value	of windo	w 1.3 W/m	1 <sup>2</sup> K		
ETT/		£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 P5	<b>5</b> Window	with ant	i-burglary	triple gla:	zed unit. C	lass P2A I	J-value of	window (	0.97 W/m <sup>2</sup>	K					
PC		£1 137	£1 182	£1 235	£1 251	£1 281	£1 296	£1 387	£1 410	-	£1 448	-	-	-	-	-

### **Z-WAVE ELECTRICAL CONTROL ELEMENTS**



ZWS 12 ZWS 230

 Z-Wave motor used for operating windows (controller and ZZ60 power supply have to be bought separately).

<b>ZWS 12</b>	£315
ZWS 230	£350



£122

### **ZRW7**

 Z-Wave wall keyboard control can operate up to 12 of FAKRO Z-Wave devices in each of the seven groups.

ZRW7	£128
------	------



#### **ZRH12**

 Designed for all FAKRO Z-Wave devices, also in the SOLAR version. This can control up to 12 devices in 12 groups using an ergonomic joystick.

ZRH12	£123
-------	------



### ZRS24

 Multifunctional Z-Wave remote enabling advanced configuration and control all devices on the Z-Wave devices.

ZRS24	£210



### ZWL1

 Button and radio module installed in flush mounted box, used for remote control of single Z-Wave receiver or in groups.

ZWL1	£164
------	------



## ZWL2

 Button and radio module installed in flush mounted box, used for remote control of two Z-Wave receiver or two groups of FAKRO Z-Wave devices.



### ZWL3

 Button and radio module installed in flush mounted box, used for remote control of three Z-Wave receiver or two groups of FAKRO Z-Wave devices.

ZWL3	£174
------	------

#### **SAMPLE USE OF FAKRO Z-WAVE PRODUCTS**



£114

£114

ZZ 60 ZZ 60H

• Impulse power supply 15VDC to power electric receivers (available in hermetic casing ZZ60h)

<b>ZZ60</b>	£119
ZZ60H	£119



### ZWMA1

 A Z-Wave adaption module used to control one receiver separately or in groups by use of wall button or other control system (230V AC).

Z١	NM	<b>A</b> 1	1	E
----	----	------------	---	---

£109



### **ZWMA4**

• Z-Wave adaptation module used to control up to four receivers separately or in groups by the use of wall button or other control system (230V AC).

ZWMA4

£216

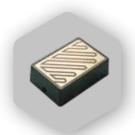


### **ZWMP**

 Weather module used to control Z-Wave receivers by the use of rain sensor ZRD, wind sensor ZWD or smoke sensor ZFD.

ZWMP

£167



**ZRD** 

 Sensor in co-operation with ZWMP module, in case of rainfall ensures automatic closing of Z-Wave windows.

ZRD	£94
-----	-----



**ZWD** 

• Sensor in co-operation with ZWMP module, in case of strong gusts of wind automatically closes Z-Wave windows.

ZWD	£76



**ZFD** 

• Sensor in co-operation with ZWMP module, in case of detecting visible smoke, automatically opens Z-Wave windows.

ZFD	£104
-----	------

#### **HIGHLY ENERGY-EFFICIENT CENTRE PIVOT ROOF WINDOWS**

Triple and quadruple glazed roof windows in natural pine, white acrylic and white polyurethane.

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
FTT U8 Therm	O Windo	w with F	assive qua	druple gl	azed unit.	U-value c	of window	0.58 W/m	n²K when	installed v	vith Therr	no flashing			

£1 324 £1 391 £1 409 £1 479 £1 489 £1 657 £1 832 £2 130 £1 908 £1 968 £1 986 £2 231 £2 024 £2 415

FTT U6 Window with highly-energy efficient triple glazed unit. U-value of window 0.8 W/m²K

£766 £800 £800 £848 £848 £960 £1 061 £1 231 £1 110 £1 141 £1 146 £1 282 £1 213 £1 399

FTT/W U8 Thermo Window with Passive quadruple glazed unit. U-value of window 0.58 W/m²K when installed with Thermo flashing

£1 367 £1 436 £1 452 £1 524 £1 536 £1 707 £1 888 £2 197 £1 968 £2 028 £2 045 £2 298 £2 080 £2 486

FTT/W U6 Window with highly-energy efficient triple glazed unit. U-value of window 0.8 W/m<sup>2</sup>K

£766 £800 £800 £960 £1 061 £1 231 £1 110 £1 141 £1 146 £1 282 £1 213 £1 399 £848 £848

FTT/U U8 Thermo Window with Passive quadruple glazed unit. U-value of window 0.58 W/m²K when installed with Thermo flashing

£1 420 £1 500 £1 508 £1 590 £1 598 £1 779 £1 970 £2 279 £2 054 £2 121 £2 143 £2 392 £2 174 £2 587

FTT/U U6 Window with highly-energy efficient triple glazed unit. U-value of window 0.8 W/m²K

£840 £878 £878 £928 £928 £1 056 £1 163 £1 354 £1 217 £1 252 £1 260 £1 425 £1 290 £1 540

#### **CONSERVATION HIGHLY ENERGY-EFFICIENT CENTRE PIVOT ROOF WINDOWS**

Triple and quadruple glazed conservation roof windows in natural pine, white acrylic and white polyurethane.

windows external dimensions [cm]	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	114x118	114x140	134x98	94x160
effective glazing area [m²] size symbol	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

FTT/C U8 Thermo Window with Passive quadruple glazed unit. U-value of window 0.58 W/m²K when installed with Thermo flashing

£1538 £1625 £1631 £1739 £1747 £1932 £2133 £2499 £2234 £2290 £2303 £2605 £2377 £2832

FTT/C U6 Window with highly-energy efficient triple glazed unit. U-value of window 0.8 W/m²K

£911 £948 £948 £1 006 £1 016 £1 141 £1 255 £1 461 £1 316 £1 353 £1 363 £1 535 £1 392 £1 652

FTT/U/C U8 Thermo Window with Passive quadruple glazed unit. U-value of window 0.58 W/m²K when installed with Thermo flashing

£1 832 £1 932 £1 932 £2 033 £2 033 £2 290 £2 546 £2 935 £2 650 £2 718 £2 718 £3 063 £2 793 £3 322

FTT/U/C U6 Window with highly-energy efficient triple glazed unit. U-value of window 0.8 W/m<sup>2</sup>K

£995 £1 051 £1 051 £1 109 £1 114 £1 255 £1 390 £1 623 £1 461 £1 480

£160

£181

£168

£174

IHEK	MO FI	_ASHI	INGS

NATURAL PINE

NATURAL PINE

	dimensions [cm] size symbol	<b>55x78</b> 01	<b>55x98</b> 02	<b>55x118</b> 16	<b>66x98</b> 03	<b>66x118</b> 04	<b>78x98</b> 05	<b>78x118</b> 06	<b>78x140</b> 07	<b>78x160</b> 13	<b>94x118</b> 08	<b>94x140</b> 09	<b>114x118</b> 10	114x140 11	<b>134x98</b> 12	<b>94x160</b> 80
	<b>ELV-T Thermo</b>	for non-	interlockii	ng tiles up	to 10mm	1										
ASHINGS		£139	£156	£164	£164	£167	£167	£176	£187	£212	£192	£203	£203	£212	£203	£240
FLASH	<b>EPV-T Thermo</b>	for tiles	upto 10m	nm												
THERMOI		£124	£137	£145	£145	£147	£147	£155	£160	£181	£168	£174	£176	£181	£177	£210
置	<b>EHV-T Therm</b>	o for inte	rlocking t	iles up to 9	90mm											

£155

£147

£177

£181

£176

£124

£137

£145

£145

£147

£210

# **TOP HUNG AND CENTRE PIVOT ROOF WINDOWS**



#### **TOP HUNG & PIVOT DUAL FUNCTION PRESELECT ROOF WINDOWS**

Roof windows that can be operated in top hung or centre pivot mode in natural pine, white acrylic and white polyurethane.

	windows external dimensions [cm]	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	114x118	114x140	134x98	94x160
	effective glazing area [m²] size symbol	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
NATURAL PINE	FPP-V P2 Window	w with saf	ety doubl	e glazed u	nit. Tough	nened out	er pane. L	aminated	inner pan	e. U-value	of windo	ow 1.3 W/	m²K			
NATI		-	£480	-	£502	£502	£530	£586	£646	£636	£685	£705	£762	£675	£726	-
TE	FPW-V P2 Windo	ow with sa	ıfety douk	ole glazed	unit. Toug	ghened ou	ter pane.	Laminated	d inner pa	ne. U-valu	ie of wind	low 1.3 W	/m²K			
WHITE		-	£480	-	£502	£502	£530	£586	£646	£636	£685	£704	£762	-	£726	-
ITE Reth.	FPU-V P2 Windo	w with saf	fety doub	le glazed ι	ınit. Toug	hened out	er pane. l	aminated	inner par	ne. U-valu	e of windo	ow 1.3 W/	′m²K			
WHITE POLYURETH.		-	£540	-	£528	£590	£552	£624	£689	£774	£642	£804	£826	£804		-
<b>2</b>	PPP-V P2 Window	w with saf	ety doub	le glazed u	ınit. Tougl	nened out	er pane. L	.aminated	inner pan	ne. U-value	of windo	ow 1.3 W/	m²K			
WHITE		-	£559	-	£565	£590	£590	£635	£687	-	£712	£744	£763	£845	-	-

#### TOP HUNG PRESELECT MAX ROOF WINDOWS

Roof windows that can be operated in top hung or centre pivot mode in natural pine, white acrylic, white polyurethane and white UPVC.

	windows external dimensions [cm]	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	114x118	114x140	134x98	94x160
	effective glazing area [m²] size symbol	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
	FPP-V P2 MAX	<b>K</b> Windo	w with saf	fety double	e glazed ı	unit. Tough	ened out	er pane. L	aminated	inner pan	e. U-value	of windo	ow 1.3 W/r	n²K		
ш		-	£562	£530	£568	£588	£594	£636	£670	£795	£710	£752	£806	£810	£832	£838
NATURAL PINE	FPP-V P5 MAX Window with anti-burglary triple glazed unit. Class P2A U-value of window 0.97 W/m²K															
ATUR/		-	£730	£954	£730	£748	£748	£790	£845	£1 399	£875	£946	£1 325	£1 462	£1 399	£1 538
Ž	FPT U6 MAX	Vindow w	ith highly	energy-ef	ficient tri	ple glazed	unit. U-va	alue of wir	ndow 0.8	W/m²K						
		-	£795	£848	£854	£879	£869	£954	£1 028	£1 102	£1 026	£1 124	£1 134	£1 272	-	£1 219
YLIC	FPW-V P2 MA	<b>X</b> Windo	ow with s	afety doub												
: ACR		•	£562	£530	£568	£588	£594	£636	£689	£795	£710	£752	£805	£865	£832	-
WHITE ACRYLIC	FPW-V P5 MA	<b>X</b> Windo	ow with a	nti-burglar	y triple g	lazed unit.	Class P2	\ U-value	of windov	v 0.97 W/r	m²K					
		-	£729	£954	£729	£748	£748	£790	£845	£1 399	£874	£946	£1 325	£1 462	£1 399	-
4	FPU-V P2 MA	<b>X</b> Windo	w with sa	fetv doubl	e glazed	unit. Toual	nened ou	ter pane. I	aminated	inner par	ne. U-value	e of wind	ow 1.3 W/	m²K		
TE		-	£625	£630	£658	£674	£689	£732	£774	£879	£806	£827	£869	£912	£915	£932
WHITE POLYURETHANE	FPU-V P5 MA	<b>X</b> Windo	w with ar	nti-burglary	/ triple gl	azed unit.	Class P2A	U-value o	of window	0.97 W/m	n²K					
PO			£800	£1 007	£829	£829	£868	£931	£970	£1 484		£987	£1 484	£1 537	£1 484	£1 431
Ų	PPP-V P2 MA	<b>X</b> Windo	w with sa	fety double	e glazed i	unit. Tough	nened out	er pane. L	.aminated	inner pan	e. U-value	of windo	ow 1.3 W/i	m²K		
WHITE UPVC		-	£675	£682	£682	£755	£755	£795	£840	£835	£840	£900	£900	£950	£830	£945
WHIT	PPP-V P5 MA	<b>X</b> Windo	w with an	iti-burglary	triple gla	azed unit. (	Class P2A	U-value o	f window	1.1 W/m <sup>2</sup> l	K					
		-	£825	£920	£825	£876	£876	£946	£1 016	£1 200	£1 150	£1 250	£1 300	£1 350	-	£1 495

#### **CONSERVATION TOP HUNG & CENTRE PIVOT PRESELECT ROOF WINDOWS**

Conservation roof windows that can be operated in top hung or centre pivot mode in natural pine, white acrylic and white polyurethane.

	windows external dimensions [cm]	55x78	55x98	55x118	66x98	66x118	78x98	78x118	78x140	78x160	94x118	94x140	114x118	114x140	134x98	94x160
			п		п		п				п	ш				
	effective glazing area [m²] size symbol	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
-	,															00
ATURAI PINE	FPP-V/C P2 M	IAX Wir	ndow with	safety do	uble glaz	ed unit. To	ughened	outer pan	ie. Lamina	ted inner	pane. U-v	alue of w	indow 1.3	W/m²K		
MA P		-	£670	-	£682	£718	£695	£752	£788	£939	£829	£894	£894	£978	£914	-
ZE S	FPW-V/C P2 N	<b>1AX</b> Wi	indow wit	h safety d	ouble gla	zed unit. To	oughened	d outer pa	ne. Lamin	ated inne	r pane. U-	value of v	vindow 1.	3 W/m <sup>2</sup> K		
WHITE		-	£670		£682	£719	£694	£752	£788	£939	£828	£894	£894	£978	£913	
듀麆	FPU-V/C P2 N	1AX Wir	ndow with	n safety do	uble glaz	red unit. To	ughened	outer par	ne. Lamina	ated inner	pane. U-v	alue of w	indow 1.3	W/m <sup>2</sup> K		
WHITE POLYURETH.		-	£754	-	£760	£779	£779	£815	£872	£1 088	£899	£968	£975	£1 064	£994	-
WHITE	PPP-V/C P2 M	IAX Wir	ndow with	n safety do	uble glaz	ed unit. To	ughened	outer par	ne. Lamina	ited inner	pane. U-v	alue of w	indow 1.3	W/m²K		
≱공		-	£890	-	£900	£952	£952	£1 018	£1 106	£1 213	£1 183	£1 263	£1 263	£1 423	-	-

# **HIGH PIVOT ROOF WINDOWS**



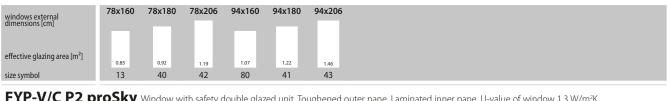
#### **HIGH PIVOT PROSKY ROOF WINDOWS**

Roof windows with a raised axis of rotation in natural pine, white acrylic and white polyurethane.

	windows external dimensions [cm]	78x160	78x180	78x206	94x160	94x180	94x206
	difficustoris [cff]					п	
	effective glazing area [m²]	0.85	0.92	1.19	1.07	1.22	1.46
	size symbol	13	40	42	80	41	43
ш	FYP-V P2 pro	<b>Sky</b> Win	dow with s	safety douk	ole glazed ı	unit. Tough	ened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K
IL PIN		£814	£889	£976	£922	£1 004	£1 088
NATURAL PINE	FYP-V P5 pro	Sky Win	idow with a	anti-burgla	ry triple gla	azed unit. C	Class P2A U-value of window 0.97 W/m²K
Z		£1 218	£1 342	£1 454	-	£1 522	•
	FYW-V P2 pro	Sky w	indow with	safaty day	ıble aləzed	Lunit Toug	hened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K
Ϋ́	TIW VIZPIC						
ACR.		£900	£997	£1 078	£1 009	£1 134	£1 244
WHITE ACRYLIC	FYW-V P5 pro	Sky w	indow with	anti-burg	lary triple g	lazed unit.	Class P2A U-value of window 0.97 W/m²K
>		£1 272	£1 439	£1 578	-	£1 634	
Ш	FYU-V P2 pro	Skv Wir	ndow with	safety dou	ble glazed	unit. Touah	nened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K
WHITE POLYURETHANE		£928			£1 044		
E E	EVIL V DE	Class					
717	FYU-V P5 pro	SKY Wir	ndow with	anti-burgla	ary triple gl	azed unit. (	Class P2A U-value of window 0.97 W/m²K
2		£1 316	£1 467	£1 606	-	£1 659	

#### **CONSERVATION HIGH PIVOT PROSKY ROOF WINDOWS**

Conservation roof windows with a raised axis of rotation in natural pine, white acrylic and white polyurethane.



FYP-V/C P2 proSky Window with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K

£900 £976 £1 064 £1 020 £1 112 £1 212

FYW-V/C P2 proSky Window with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K

£920 £1 010 £1 099 £1 049 £1 150 £1 254

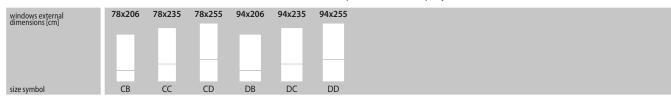
FYU-V/C P2 proSky Window with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K £960 £1 036 £1 139 £1 099 £1 189 £1 304

# **HIGH PIVOT DUET ROOF WINDOWS**



#### **HIGH PIVOT DUET PROSKY ROOF WINDOWS**

Roof windows with a raised axis of rotation and a double sash in natural pine and white polyurethane.

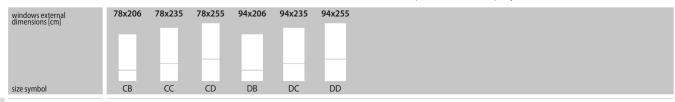


FDY-V P2 Duet proSky Window with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1,3 W/m²K
£1 146 £1 332 £1390 £1 234 £1 418 £1480

FDY-V/U P2 Duet proSky Window with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K £1 285 £1 494 £1 356 £1 362 £1632

#### **CONSERVATION HIGH PIVOT DUET PROSKY ROOF WINDOWS**

Conservation roof windows with a raised axis of rotation and a double sash in natural pine and white polyurethane.



FDY-V/C P2 Duet proSky Window with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K f1243 f1356 f1519 f1342 f1540 f1600

FDY-V/U/C P2 Duet proSky Window with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K £1 392 £1 520 £1704 £1 506 £1 726 £1796

## L-SHAPED COMBINATION ROOF WINDOWS



#### L-SHAPED COMBINATION ROOF WINDOWS

NATURAL PINE

Designed for installation where a vertical wall meets the roof within the loft space.

windows external dimensions [cm]	78x60	78x75	78x95	78x115	78x137	94x75	94x95	114x75	114x95
effective glazing area [m²] size symbol	0.25	0.33	0.45	0.57	o.71 84	0.42	0.58	0.53	0.73

**BDL P2, BDR P2** Windows with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K

£649 £719 £779 £868 £959 £769 £854 - £92

**BVP P2** Windows with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K

£466 £490 £519 £584 £642 £546 £578 £580 £602

BXP P2 Windows with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K

£380 £396 £412 £460 £498 £428 £449 £519 £574

BDL P5, BDR P5 Window with anti-burglary triple glazed unit. Class P2A U-value of window 0.88W/m²K

£919 £998 £1 090 £1 206 £1 330 £1 079 £1 194 - £1 284

**BVP P5** Window with anti-burglary triple glazed unit. Class P2A U-value of window 0.88W/m²K

£726 £762 £799 £910 £984 £849 £885 £898 £922

**BXP P5** Window with anti-burglary triple glazed unit. Class P2A U-value of window 0.88W/m²K

£672 £704 £730 £821 £893 £769 £808 £886 £952

BDL/W P2, BDR/W P2 Windows with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K

£688 £756 £822 £918 £1 008 £806 £894 - £96

**BVW P2** Windows with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K

£536 £550 £580 £649 £712 £609 £642 £642 £662

**BXW P2** Windows with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K

£430 £450 £470 £529 £568 £490 £506 £587 £646

BDL/W P5, BDR/W P5 Window with anti-burglary triple glazed unit. Class P2A U-value of window 0.88W/m²K

£944 - £1 104 £1 248 £1 360 £1 104 £1 204 -

**BVW P5** Window with anti-burglary triple glazed unit. Class P2A U-value of window 0.88W/m²K

£822 £854 £913 £1 018 £1 122 £952 £1 018 £1 004 £1 044

**BXW P5** Window with anti-burglary triple glazed unit. Class P2A U-value of window 0.88W/m²K

£718 £756 £796 £888 £965 £822 £862 £952 £1 018

**BDL/U P2, BDR/U P2** Windows with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K

£736 £776 £815 £936 £1 036 £829 £956 - £998

**BVU P2** Windows with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K

£532 £560 £592 £668 £735 £625 £662 £662 £68

**BXU P2** Windows with safety double glazed unit. Toughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K

£464 £482 £504 £562 £614 £522 £550 £629 £699

BDL/U P5, BDR/U P5 Window with anti-burglary triple glazed unit. Class P2A U-value of window 0.88W/m²K

£979 £1 019 £1 078 £1 296 £1 420 £1 148 £1 272 - £1 278

**BVU P5** Window with anti-burglary triple glazed unit. Class P2A U-value of window 0.88W/m²K

£834 £886 £938 £1 056 £1 160 £978 £1 044 £1 044 £1 070

**BXU P5** Window with anti-burglary triple glazed unit. Class P2A U-value of window 0.88W/m²K

£722 £760 £768 £888 £969 £824 £874 £950 £1 027

#### **CONSERVATION L-SHAPED COMBINATION ROOF WINDOWS**

Designed for installation where a vertical wall meets the roof within the loft space.

	windows external dimensions [cm]	78x60	78x75	78x95	78x115	78x137	94x75	94x95	114x75	114x95
	effective glazing area [m²]	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/C P2, BD	R/C P	<b>2</b> Windo	ows with s	safety dou	ble glazec	d unit. Tou	ghened o	uter pane.	. Laminated inner pane. U-value of window 1.3 W/m²K
¥		£798	£864	£964	£1 056	£1 139	£944	£1 022	-	£1 080
ALPI	BVP/C P2 Winde	ows with s	safety dou	ıble glaze	d unit. Tou	ighened o	uter pane	. Laminat	ed inner p	ane. U-value of window 1.3 W/m²K
NATURAL PINE		£600	£632	£668	£748	£824	£704	£742	£742	£768
2	BXP/C P2 Windo	ows with s	safety dou	ıble glaze	d unit. Tou	ighened o	uter pane	. Laminat	ed inner p	ane. U-value of window 1.3 W/m²K
		£514	£538	£562	£626	£684	£588	£614	£684	£748

# **BALCONY ROOF WINDOWS**



#### **BALCONY ROOF WINDOWS**

Balcony roof windows give the effect of a balcony but at a fraction of the cost.



NOTE: THE PRICE SHOWN INCLUDE SINGLE FLASHING KIT - PLEASE CONTACT FAKRO SALES OFFICE FOR FURTHER DETAILS

# **SIDE HUNG ESCAPE ROOF WINDOWS**



#### SIDE HUNG ESCAPE ROOF WINDOWS

Universal escape roof windows in natural pine and white polyurethane.

	windows external dimensions [cm]	55x98	66x78	66x98	66x118	78x118
	offo stive aloning a con fun	21		п	П	
	effective glazing area [m	0.29	0.28	0.38	0.47	0.59
	size symbol	02	22	03	04	00
ш	FWP P2 Wir	ndows with sa	fety double	e glazed u	nit. Tough	ened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K
AL PIN		£529	£529	£555	£599	£745
NATURAL PINE	FWP P5 Wir	ndow with an	ti-burglary	triple glaz	ed unit. Cl	ass P2A U-value of window 1.0 W/m²K
Z		£814	£807	£852	£917	£995
=						
Ä	FWU P2 Wi	ndows with s	afety doubl	e glazed u	ınit. Tough	nened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K
ITE ETHA		£635	£618	£672	£720	£782
WHITE POLYURETHANE	FWU P5 Wi	ndow with ar	ti-burglary	triple glaz	red unit. C	lass P2A U-value of window 1,0 W/m²K
2		£878	£868	£915	£988	£1 085

#### **CONSERVATION SIDE HUNG ESCAPE ROOF WINDOWS**

Roof windows suitable for conservation areas - external colour black RAL 9005 with central mullion bar. In natural pine and white polyurethane.

	windows external dimensions [cm]	55x98	66x78	66x98	66x118	78x118
	effective glazing area [m²]	0.20	0.28	0.20	0.47	0.59
		0.29		0.38	0.47	
	size symbol	02	22	03	04	06
¥	FWP/C P2 Wi	ndows with	safety do	uble glaze	ed unit. To	ughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K
AL PIN		£800	£782	£819	£859	£924
NATURAL PINE	FWP/C P5 Wi	ndow with	anti-burgla	ary triple o	glazed uni	t. Class P2A U-value of window 1.0 W/m²K
Z		£1 056	£1 045	£1 092	£1 158	£1 252
¥	FWU/C P2 Wi	ndows with	safety do	uble glaze	ed unit. To	ughened outer pane. Laminated inner pane. U-value of window 1.3 W/m²K
HTE		£874	£868	£906	£959	£1 036
WHITE POLY URETHANE	FWU/C P5 wi	ndow with	anti-burgl	ary triple	glazed un	it. Class P2A U-value of window 1.0 W/m²K
2		£1 122	£1 110	£1 178	£1 244	£1 338

# **ACCESS ROOF LIGHTS**



#### **ACCESS ROOF LIGHTS**

Designed solely for uninhabited lofts.

dimensions [cm]	46x55	46x75
WGT Double glazed	d, toughen	ned unit.
	£129	£140
<b>WGI</b> Double glazed,	toughene	ed unit. U-value 1.3
	£154	£165
WGI/C Double glaz	ed, toughe	ened unit. U-value 1.3
	£202	£218

dimensions [cm]	54x83	54x98	86x87	
<b>WLI</b> Single glazed, to	oughened	unit. U-va	alue 1.3	
	£240	£262	£275	
WLI/C Single glazed	l, tougher	ed unit. U	I-value 1.3	
	£306	£320	£365	

# **SMOKE VENTILATION SYSTEMS**



#### **SMOKE VENTILATION SYSTEMS**

Full smoke ventilation kit giving over 1m<sup>2</sup> of ventilation as required by law - EN 12101-2:2003

SITIONE VEHILIALIOTT N	it giving	Over IIII	OI VEIII	tilation as required by law - Liv 12101-2.2003
windows external dimensions [cm] effective ventilation area [m²]	<b>78x140</b> 1,5	114x118 1,0	134x118 1,4	134x140 1,5
effective glazing area [m²] size symbol	0.72 2x <b>07</b>	0.95	1,15	1 <i>A</i> 17
FSR P2 Double g	lazed, natu	ral pine un	t with full	electrics pack and flashing kit
	£2 322	£2 200	£2 452	£2 236
FSR P2 +EFW	Double g	Jlazed, natu	ıral pine ur	nit with full electrics pack and flat roof system for flat roof

FSR/U P2 Double glazed, natural pine unit with full electrics pack and flashing kit

£2 322 £2 200 £2 452 £2 236

FSR/U P2 +EFW Double glazed, natural pine unit with full electrics pack and flat roof system for flat roof
£2 695 £2 736 £2 928 -

NOTE: SIZE 78x140 CONTAINS 2 CENTRE PIVOT ROOF WINDOWS TO MEET REGULATIONS

**NOTE:** CONSERVATION STYLE AVAILABLE UPON REQUEST

£2 695 £2 736 £2 928

NATURAL PINE

# **FLASHINGS**



STANDARD FLA	SHING	S													
dimensions [cm] size symbol	<b>55x78</b> 01	<b>55x98</b> 02	<b>55x118</b> 16	<b>66x98</b> 03	<b>66x118</b> 04	<b>78x98</b> 05	<b>78x118</b> 06	<b>78x140</b> 07	<b>78x160</b> 13	<b>94x118</b> 08	<b>94x140</b> 09	<b>114x118</b> 10	<b>114x140</b> 11	<b>134x98</b> 12	<b>94x160</b> 80
<b>EZV-A</b> for interlock	king tiles u	p to 45mr	n												
	£78	£82	£93	£93	£96	£96	£98	£98	£127	£100	£105	£114	£116	£119	£121
EZJ-A recessed syle	e for interlo	ocking tile	es up to 45	mm											
	£110	£113	£121	£131	£129	£129	£134	£141	£169	£138	£157	£156	£167	£168	£171
<b>ELV</b> for non-interlock	king tiles u	p to 10m	m												
	£78	£82	£93	£93	£96	£96	£98	£98	£127	£100	£105	£114	£116	£119	£121
<b>ELJ</b> recessed style for	r non-inter	locking ti	les up to 1	0mm											
	£110	£113	£121	£131	£129	£129	£134	£141	£169	£138	£157	£156	£167	£168	£171
<b>EPV</b> for plain tiles up	to 16mm														
	£78	£82	£93	£93	£96	£96	£98	£98	£127	£100	£105	£114	£116	£119	£121
<b>EPJ</b> recessed style for	r plain tiles	up to 16	mm												
	£110	£113	£121	£131	£129	£129	£134	£141	£169	£138	£157	£156	£167	£168	£171
EHN-A for interloc	king tiles ι	ıp to 90m													
	£87	£94	£99	£98	£103	£103	£108	£108	£123	£110	£113	£119	£123	£125	£127
ELV-T Thermo															
50V T TI	£139	£156	£164	£164	£167	£167	£176	£187	£212	£192	£203	£203	£212	£203	£240
EPV-T Thermo				61.45	(1.17	61.47	(177	6160	6404	6160	6174	(17)	C101	6177	6240
FUN T The arrange	£124	£137	£145	£145	£147	£147	£155	£160	£181	£168	£174	£176	£181	£177	£210
EHV-T Therm		rlocking t <b>£137</b>	iles up to 9 <b>£145</b>	90mm <b>£145</b>	£147	£147	£155	£160	£181	£168	£174	£176	£181	£177	£210
EZA ESA EU	£124								2101	2100	11/4	£1/0	1101	£1//	2210
EZA, ESA, EH	£333	£344	£362	f362	£381	£377	10 degree:	£411	£488	£421	£448	£448	£488	£448	£509
EVP 9. Vingen								2711	2400	7471	2440	2440	2400	2440	2307
EKB & Kingsp	£77	£87	£94	f87	e sides of	£87	£94	£102	£108	£94	£102	£102	£108	£94	£108
<b>EBV</b> for standing sea		201	277	201	274	201	274	2102	2100	277	2102	2102	2100	277	2100
LD V 101 Standing Sea	£119	£124	£127	£130	£145	£145	£148	£150	£174	£153	£155	£161	£174	£166	£176
WD D													,		
<b>XDP</b> insulating colla		45.5		4	4			4.7		4	4		45.	4.53	4
	£38	£39	£42	£42	£43	£43	£44	£47	£48	£47	£48	£49	£50	£49	£50

FLASHINGS FOR	ПСП	DIVOT	DDOC	VV		
		PIVUI	PRUS	ΛI		
ROOF WINDOW	<b>&gt;</b>					
dimensions [cm]	78x160	78x180	78x206	94x160	94x180	94x206
size symbol	13	40	42	80	41	43
<b>EZV-A</b> for interlock	ing tiles u	p to 45mr	n			
	£127	£134	£165	£121	£160	£173
<b>ELV</b> for non-interlock	ing tiles u	p to 10mi	m			
	£127	£134	£165	£121	£160	£173
<b>EPV</b> for plain tiles up	to 16mm					
	£127	£134	£165	£121	£160	£173
EHN-A for interlock	king tiles ι	ıp to 90m	m			
	£123	£148	£169	£131	£172	£201

FLASHINGS FOR		PIVOT	DUET	PROSI	CΥ							
dimensions [cm] size symbol	<b>78x206</b> CB	<b>78x235</b> CC	<b>78x255</b> CD	<b>94x206</b> DB	<b>94x235</b> DC	<b>94x255</b> DD						
<b>EZV-A</b> for interlock	ing tiles u	p to 45mr	n									
	£163	£179	£183	£183	£202	£218						
<b>ELV</b> for non-interlocking tiles up to 10mm												
	£163	£179	£183	£183	£202	£218						
<b>EPV</b> for plain tiles up	to 16mm											
	£163	£179	£183	£183	£202	£218						
EHN-A for interlocal	king tiles ι	ıp to 90m	m									
	£177	£192	£194	£201	£222	£242						

STANI	DARD	FLASHI	NGS											
<b>55x78</b> 01	<b>55x98</b> 02	<b>55x118</b> 16	<b>66x98</b> 03	<b>66x118</b> 04	<b>78x98</b> 05	<b>78x118</b> 06	<b>78x140</b> 07	<b>78x160</b> 13	<b>94x118</b> 08	<b>94x140</b> 09	<b>114x118</b> 10	114x140 11	<b>134x98</b> 12	<b>94x160</b> 80
ocking tile	es up to 4	5mm												
£100	£108	£118	£118	£121	£121	£124	£124	150	£129	£137	£145	£150	£147	£158
syle for in	terlocking	tiles up to	45mm											
£142	£153	£162	£162	£171	£171	£173	£173	£210	£187	£196	£204	£210	£218	£227
locking til	es up to 1	0mm												
£100	£108	£118	£118	£121	£121	£124	£124	£150	£129	£137	£145	£150	£147	£158
for non-i	nterlockir	g tiles up	to 10mm											
£142	£153	£162	£162	£171	£171	£173	£173	£210	£187	£196	£204	£210	£218	£227
s up to 16	mm													
£100	£108	£118	£118	£121	£121	£124	£124	£150	£129	£137	£145	£150	£147	£158
for plain	tiles up to	16mm												
£142	£153	£162	£162	£171	£171	£173	£173	£210	£187	£196	£204	£210	£218	£227
rlocking til	es up to 9	90mm												
£122	£128	£132	£132	£139	£135	£145	£145	£172	£148	£153	£161	£172	£166	£174
	55x78 01 locking tile £100 syle for in £142 locking tile £100 e for non-i £142 s up to 16 £100 e for plain £142	55x78 02  locking tiles up to 4:  £100 £108  syle for interlocking £142 £153  clocking tiles up to 1 £100 £108  e for non-interlocking £142 £153  s up to 16mm £100 £108  e for plain tiles up to £142 £153  rlocking tiles up to 9	55x78	01 02 16 03  locking tiles up to 45mm  £100 £108 £118 £118  syle for interlocking tiles up to 45mm  £142 £153 £162 £162  clocking tiles up to 10mm  £100 £108 £118 £118  e for non-interlocking tiles up to 10mm  £142 £153 £162 £162  s up to 16mm  £100 £108 £118 £118  e for plain tiles up to 16mm  £142 £153 £162 £162  rlocking tiles up to 90mm	55x78 02 55x98 16 03 66x118 04 04 04 04 02 02 02 02 02 02 02 02 02 02 02 02 02	55x78         55x98         55x118         66x98         66x118         78x98           clocking tiles up to 45mm         £100         £108         £118         £118         £121         £121           syle for interlocking tiles up to 45mm         £142         £153         £162         £162         £171         £171           clocking tiles up to 10mm         £100         £108         £118         £118         £121         £121           e for non-interlocking tiles up to 10mm         £142         £153         £162         £162         £171         £171           s up to 16mm         £100         £108         £118         £118         £121         £121           e for plain tiles up to 16mm         £142         £153         £162         £162         £171         £171           flocking tiles up to 90mm         £162         £171         £171         £171	55x78 o1         55x98 o2         55x118 o6         66x98 o3         66x118 o4         78x98 o5         78x118 o6           docking tiles up to 45mm         £100 £108 £118 £118 £112 £121 £121 £124         £121 £121 £124         £121 £121 £124         £142 £153 £162 £162 £171 £171 £171 £173         £171 £171 £171 £173         £100 £108 £118 £118 £121 £121 £121 £124         £153 £162 £162 £162 £171 £171 £173         £173 £162 £162 £171 £171 £171 £173         £174 £173 £173 £162 £162 £171 £171 £171 £173         £124 £153 £162 £162 £171 £171 £171 £173         £142 £153 £162 £162 £171 £171 £171 £173         £174 £173 £173 £162 £162 £171 £171 £171 £173         £174 £173 £173 £162 £162 £171 £171 £171 £173         £174 £173 £173 £174 £173         £175 £175 £162 £162 £171 £171 £171 £173         £175 £175 £175 £175 £175 £175 £175 £175         £175 £175 £175 £175 £175 £175 £175 £175         £175 £175 £175 £175 £175 £175 £175 £175	55x78 of the contraction of	55x78	55x78	55x78         55x98         55x118         66x98         66x118         78x98         78x118         78x140         78x160         94x118         94x140           100         £108         £118         £118         £121         £121         £124         £124         150         £129         £137           syle for interlocking tiles up to 45mm         £142         £153         £162         £162         £171         £171         £173         £173         £210         £187         £196           clocking tiles up to 10mm         £108         £118         £118         £121         £121         £124         £150         £129         £137           e for non-interlocking tiles up to 10mm         £142         £153         £162         £162         £171         £171         £173         £173         £210         £187         £196           sup to 16mm         £100         £108         £118         £118         £121         £121         £124         £124         £150         £129         £137           e for plain tiles up to 16mm         £142         £153         £162         £162         £171         £171         £173         £124         £150         £187         £196	55x78         55x98         55x118         66x98         66x118         78x98         78x118         78x160         94x118         94x140         114x118           01         02         16         03         04         05         06         07         13         08         94x118         94x140         114x118           docking tiles up to 45mm         £100         £108         £118         £118         £121         £121         £124         £124         150         £129         £137         £145           syle for interlocking tiles up to 45mm           £142         £153         £162         £162         £171         £171         £173         £173         £210         £187         £196         £204           docking tiles up to 10mm           £142         £153         £162         £162         £171         £171         £173         £173         £210         £187         £196         £204           sup to 16mm           £100         £108         £118         £118         £121         £121         £124         £150         £129         £137         £145           e for plain tiles up to 16mm <td>55x78 55x98 55x118 66x98 66x118 78x98 78x118 78x140 78x160 94x118 94x140 114x118 114x140 01 02 16 02 16 03 04 04 05 06 07 13 08 09 10 11 11 10 11 10 10 11 10 10 11 10 10</td> <td>55x78</td>	55x78 55x98 55x118 66x98 66x118 78x98 78x118 78x140 78x160 94x118 94x140 114x118 114x140 01 02 16 02 16 03 04 04 05 06 07 13 08 09 10 11 11 10 11 10 10 11 10 10 11 10 10	55x78

# CONSERVATION FLASHINGS FOR HIGH PIVOT PROSKY ROOF WINDOWS

dimensions [cm] size symbol	<b>78x160</b> 13	<b>78x180</b> 40	<b>78x206</b> 42	<b>94x160</b> 80	<b>94x180</b> 41	<b>94x206</b> 43
EZV-A/C for inter	locking tile	es up to 4	5mm			
	£150	£174	£188	£158	£203	£217
<b>ELV/C</b> for non-inter	locking til	es up to 1	0mm			
	£150	£174	£188	£158	£203	£217
<b>EPV/C</b> for plain tile	s up to 16	mm				
	£150	£174	£188	£158	£203	£217
EHN-A/C for inte	rlocking til	es up to 9	90mm			
	£172	£192	£228	£174	£218	£262

FLASHINGS FOR	R L-SHA	PED CC	OMBINA	TION R	OOF W	INDOW	S	
dimensions [cm] size symbol	<b>78x98</b> 05	<b>78x118</b> 06	<b>78x140</b> 07	<b>94x118</b> 08	<b>94x140</b> 09	<b>114x118</b> 10	114x140 11	<b>134x98</b> 12
<b>EUV-L/B</b> for slate								
	226	238	256	250	253	253	264	261
<b>EUV/B</b> for tiles								
	235	248	259	254	259	259	272	264

CONSERVATION	N FLASH	IINGS F	OR L-SI	IAPED	сомві	NATION	I ROOF	WINDOW
dimensions [cm] size symbol	<b>78x98</b> 05	<b>78x118</b> 06	<b>78x140</b> 07	<b>94x118</b> 08	<b>94x140</b> 09	<b>114x118</b> 10	114x140 11	<b>134x98</b> 12
EUV-L/B/C for	slate							
	235	248	259	254	259	259	272	264
EUV/B/C for tiles	5							
	265	286	306	302	308	308	323	318

# **COMBINATION FLASHING**

COMBINATION	FLASHI	NG													
dimensions [cm] size symbol	<b>55x78</b> 01	<b>55x98</b> 02	<b>55x118</b> 16	<b>66x98</b> 03	<b>66x118</b> 04	<b>78x98</b> 05	<b>78x118</b> 06	<b>78x140</b> 07	<b>78x160</b> 13	<b>94x118</b> 08	<b>94x140</b> 09	<b>114x118</b> 10	<b>114x140</b> 11	<b>134x98</b> 12	<b>94x160</b> 80
2 piece B2/1,	B1/2 -	EZV-	A, EL	/, EP\	/-A										
	£195	£205	£233	£233	£240	£240	£245	£245	316	£250	£262	£285	£290	£298	£303
3 piece B3/1,	B1/3 -	EZV-	A, EL	/, EP\	/-A										
	£293	£308	£349	£349	£360	£360	£368	£368	£474	£375	£392	£428	£435	£446	£454
4 piece B2/2	EZV-	A, EL\	/, EPV	-A											
	£390	£410	£465	£465	£480	£480	£490	£490	£633	£500	£523	£570	£580	£595	£605
6 piece B3/2,	B2/3 -	EZV-	A, EL	/, EP\	/-A										
	£585	£615	£698	£698	£720	£720	£735	£735	£949	£750	£785	£855	£870	£893	£908
2 piece B2/1,	B1/2 -	- EHN	-A												
	£216	£234	£247	£246	£258	£258	£270	£270	308	£276	£283	£299	£306	£312	£317
3 piece B3/1,	B1/3 -	- EHN	-A												
	£324	£351	£371	£369	£386	£386	£406	£406	£462	£413	£425	£448	£460	£467	£475
4 piece B2/2	EHN-	Α													
	£433	£469	£494	£492	£515	£515	£541	£541	£617	£551	£567	£597	£613	£623	£633
6 piece B3/2,	B2/3 -	EHN	-A												
	£649	£703	£742	£738	£773	£773	£811	£811	£925	£827	£850	£896	£919	£935	£950

CONSERVATIO	и сомі	BINATI	ON FL	ASHIN	G										
dimensions [cm] size symbol	<b>55x78</b> 01	<b>55x98</b> 02	<b>55x118</b> 16	<b>66x98</b> 03	<b>66x118</b> 04	<b>78x98</b> 05	<b>78x118</b> 06	<b>78x140</b> 07	<b>78x160</b> 13	<b>94x118</b> 08	<b>94x140</b> 09	<b>114x118</b> 10	114x140 11	<b>134x98</b> 12	<b>94x16</b> 0
2 piece B2/1,	B1/2 -	- EZV	-A/C, I	ELV/C	, EPV-	A/C									
	£250	£270	£296	£296	£302	£302	£309	£309	£375	£322	£342	£362	£375	£368	£394
3 piece B3/1,	B1/3 -	- EZV	-A/C, I	ELV/C	, EPV-	A/C									
	£375	£404	£444	£444	£454	£454	£463	£463	£562	£483	£513	£542	£562	£552	£592
4 piece B2/2	- EZV-	A/C, E	ELV/C,	EPV-	A/C										
	£500	£539	£592	£592	£605	£605	£618	£618	£749	£644	£684	£723	£749	£736	£789
6 piece B3/2,	B2/3 -	- EZV	-A/C, I	ELV/C	, EPV-	A/C									
	£749	£809	£887	£887	£907	£907	£927	£927	£1 124	£966	£1 025	£1 085	£1 124	£1 104	£1 183
2 piece B2/1,	B1/2	- EHN	-A/C												
	£304	£320	£330	£330	£347	£337	£363	£363	£429	£370	£383	£403	£429	£416	£436
3 piece B3/1,	B1/3 -	- EHN	-A/C												
	£324	£351	£371	£369	£386	£386	£406	£406	£462	£413	£425	£448	£460	£467	£475
4 piece B2/2	- EHN-	A/C													
	£608	£641	£661	£661	£694	£674	£727	£727	£859	£740	£766	£806	£859	£832	£872
6 piece B3/2,	B2/3 -	- EHN	-A/C												
	£649	£703	£742	£738	£773	£773	£811	£811	£925	£827	£850	£896	£919	£935	£950

# **INSTALLATION ACCESSORIES**

INSTALLATION	ACCESS	ORIES	5												
dimensions [cm] size symbol	<b>55x78</b> 01	<b>55x98</b> 02	<b>55x118</b> 16	<b>66x98</b> 03	<b>66x118</b> 04	<b>78x98</b> 05	<b>78x118</b> 06	<b>78x140</b> 07	<b>78x160</b> 13	<b>94x118</b> 08	<b>94x140</b> 09	<b>114x118</b> 10	114x140 11	<b>134x98</b> 12	<b>94x160</b> 80
<b>XDK</b> XDP + XDS ins	sulating set														
	£63	£63	£63	£63	£63	£63	£63	£69	£74	£69	£69	£69	£69	£69	£74
<b>XDP</b> insulating colla	ar														
	£38	£39	£42	£42	£43	£43	£44	£47	£48	£47	£48	£49	£50	£49	£50
<b>XDS</b> air-tight flashin	ng														
	£39	£39	£39	£39	£39	£39	£39	£43	£45	£43	£43	£43	£43	£43	£45
XLC-F 40 & X	LC-P 4	<b>0</b> interna	al lining												
	£360	£388	£395	£395	£420	£420	£438	£464	£517	£464	£476	£476	£501	£501	£532
XLC-F 30 & X	LC-P 3	<b>0</b> interna	al lining												
	£278	£289	£295	£295	£312	£312	£329	£340	£386	£340	£357	£357	£374	£374	£403
XSP, XSW DU	ET SL	<b>AT</b> desig	gned for ea	sy and ne	eat finishin	g of the j	joints betv	veen verti	cally coml	bined win	dows				
	£28	£28	£28	£28	£28	£33	£33	£33	£33	£36	£36	£39	£39	£42	£36
FLAT ROOF SYS	STEM														
Gives the ability to	install a	pitched	d roof wi	indow (	on a flat	roof.									
dimensions [cm] size symbol	<b>55x78</b> 01	<b>55x98</b> 02	<b>55x118</b> 16	<b>66x98</b> 03	<b>66x118</b> 04	<b>78x98</b> 05	<b>78x118</b> 06	<b>78x140</b> 07	<b>78x160</b> 13	<b>94x118</b> 08	<b>94x140</b> 09	<b>114x118</b> 10	114x140 11	<b>134x98</b> 12	<b>94x160</b> 80
<b>EFW</b> kerb															

# **ACCESSORIES**

£386

£391

£394

£398 £418 £474

£481

£543

£489 £493

£529

£510

£539



£536

															_
EXTERNAL AWN	ING BL	INDS	AND SI	HUTTE	RS										
dimensions [cm] size symbol	<b>55x78</b> 01	<b>55x98</b> 02	<b>55x118</b> 16	<b>66x98</b> 03	<b>66x118</b> 04	<b>78x98</b> 05	<b>78x118</b> 06	<b>78x140</b> 07	<b>78x160</b> 13	<b>94x118</b> 08	<b>94x140</b> 09	114x118 10	114x140 11	<b>134x98</b> 12	<b>94x160</b>
AMZ I new line awn	ning blind														
	£82	£82	£86	£86	£97	£100	£100	£103	£140	£111	£121	£124	£134	£132	£148
AMZ II new line aw	ning blind	d													
	£109	£109	£119	£119	£131	£135	£135	£147	£189	£157	£163	£176	£186	£179	£208
AMZ Z-Wave I	(Elec	tric)	new line a	wning bli	nd										
	£389	£389	£409	£409	£418	£424	£435	£446	£462	£451	£462	£473	£484	£473	£506
AMZ Z-Wave I	II (Ele	ctric)	new line	awning b	lind										
	£420	£420	£442	£442	£451	£457	£469	£482	£499	£486	£499	£510	£523	£510	£546
AMZ Solar I ne	w line aw	ning blin	d												
	£550	£556	£565	£565	£578	£578	£583	£592	£603	£592	£603	£605	£616	£607	£623
AMZ Solar II ne	ew line av	vning blii	nd												
	£578	£583	£594	£594	£607	£607	£612	£622	£633	£622	£633	£636	£647	£638	£653
ARZ-H external shu	itter														
	£348	£355	£364	£364	£378	£373	£389	£389	£418	£405	£421	£426	£441	£430	£449
ARZ Z-Wave (	Electr	ic) exte	ernal shutt	er											
	£389	£398	£407	£407	£426	£419	£441	£452	£472	£460	£475	£478	£494	£483	£501
ARZ Solar exter	nal shutte	er													
	£668	£680	£691	£691	£709	£709	£719	£735	£743	£754	£761	£780	£761	-	-

INTERNAL BLI	NDS														
dimensions [cm] size symbol	<b>55x78</b> 01	<b>55x98</b> 02	<b>55x118</b> 16	<b>66x98</b> 03	<b>66x118</b> 04	<b>78x98</b> 05	<b>78x118</b> 06	<b>78x140</b> 07	<b>78x160</b> 13	<b>94x118</b> 08	<b>94x140</b> 09	<b>114x118</b> 10	114x140 11	<b>134x98</b> 12	<b>94x16</b> 80
AJP venetian blind															
	£79	£81	£86	£86	£90	£88	£93	£99	£102	£101	£104	£109	£113	£104	£146
<b>ARS I</b> roller blinds															
	£50	£50	£53	£53	£54	£57	£58	£59	£61	£60	£61	£69	£71	£69	£71
ARS II roller blind	S														
	£79	£80	£94	£95	£96	£98	£99	£101	£108	£105	£108	£112	£115	£110	£112
ARP I dimming ro	ller blinds														
	£76	£76	£91	£91	£91	£95	£95	£95	-	£104	£104	£112	£118	£112	-
ARP II dimming r	oller blinds														
	£107	£107	£128	£128	£128	£132	£132	£132	£161	£146	£146	£158	£170	£158	£16
ARP Z-Wave	I (Elec	tric) o	limming ro	ller blind	S										
	£239	£243	£245	£245	£252	£252	£256	£261	-	£263	£266	£268	£275	£268	-
ARP Z-Wave	II (Elec	ctric)	dimming r	oller blin	ds										
	£254	£256	£260	£260	£263	£263	£268	£271	£299	£271	£282	£282	£286	£282	-
ARF I blackout bli	nds														
	£83	£84	£101	£101	£101	£104	£107	£111	£121	£121	£121	£124	£140	£124	£14
ARF II blackout bl															
	£122	£122	£140	£140	£140	£145	£149	£155	£167	£167	£171	£176	£195	£176	£19
ARF Print blac															
	£127	£127	£146	£146	£146	£150	£155	£161	£173	£173	£178	£183	£202	£183	£20
ARF Z-Wave															
A D.E. T. 147	£243	£245	£248	£248	£254	£254	£259	£263	£268	£266	£268	£271	£280	£270	£28
ARF Z-Wave					42.44	42.44	4242	42.40	4224	42.40	40	4222	4242	4224	42.0
ADE Calarda	£249	£252	£256	£256	£260	£260	£263	£268	£280	£268	£275	£280	£283	£280	£28
ARF Solar I b			(240	6240	(25)	(25)	(2/2	6360	(275	(272	(275	(200	(201	(270	(20)
ADE Calas II.	£340	£343	£348	£348	£356	£356	£362	£369	£375	£372	£375	£380	£391	£378	£39
ARF Solar II	olackout bli <b>£357</b>		£265	£265	£374	£374	£380	£207	£204	£391	£394	£200	£411	£207	£414
APS I pleated blin		£360	£365	£365	13/4	23/4	2300	£387	£394	ZJJI	1374	£399	1411	£397	2414
AF 3 I pleated blin	£77	£82	£87	£87	£91	£89	£94	£101	£111	£105	£111	£118	£129	£123	£134
APS II pleated bli		202	101	207	271	207	LJ4	2101	2111	2103	2111	2110	£1£7	2123	713
AF 3 II pieated bli	£112	£118	£124	£124	£131	£128	£134	£143	£155	£149	£155	£164	£178	£170	£19
AMS 200 insec		2.10	2127			0		,		,	2.33		_1,0		_1,7
THE LOW INSEC	£121	£125	£127	£127	£127	£137	£137	£137	£137	£143	£143	£143	£143	£148	£14
AMS 240 insec															
THE LIVER	-	-	-	£130	£130	£139	£139	£139	£139	£147	£147	£164	£164	£167	-
ZBH	£48		ZST		£4!	5									
ZBB	£51		ZSP		£50	0									
ZBL	£48														

# **FLAT ROOF WINDOWS**



### FLAT ROOF WINDOWS - TYPE F

Type F flat roof windows are characterised by exceptional thermal insulation qualities and innovative design.

	windows external dimensions [cm]	60x60	60x90	70x70	80x80	90x60	90x90	90x120	100x100	100x150	120x90	120x120	120x220	140x140	150x100	200x100
	effective glazing area [m²]	0,23	0.37	0,33	0,46	0,37	0.6	0.83	0.77	1,21	0.83	1,16	2,23	1.63	1,21	1.64
	size symbol	01K	02K	03K	04K	31K	05K	06K	07K	10K	32K	08K	11K	09K	33K	34K
	DXF DU6 Windo	w with h	ighly-ene	ergy effici	ent triple	glazed ui	nit. U-valu	ie 0.7 W/r	m²K							
ق		£1 105	£1 194	£1 225	£1 232	£1 295	£1 382	£1 535	£1 489	£1 839	£1 649	£1 785	£2 958	£2 302	£1 965	£3 095
NON-OPENING	DXF DU8 Windo	w with p	assive qu	adruple (	glazed un	it. U-value	e 0.64 W/r	m²K								
0-NC		£1 402	£1 512	£1 546	£1 562	-	£1 728	£1 915	£1 884	£2 318	-	£2 234	£5 728	£4308	-	-
ž	DXF DU6 Sec	ure w	indow wi	ith highly	-energy (	efficient tr	iple glaze	d unit. U-	value 0.7 V	V/m²K						
		-	-	-	-		£1 528	£1 689	£1 658	-	-	£1 970	-	-	-	-
	DMF DU6 Wind	ow with I	nighly-er	ergy effic	cient tripl	e glazed ι	ınit. U-val	ue 0.7 W/	/m²K							
		£1 202	£1 299	£1 342	£1 352	•	£1 513	£1 659	£1 618	£2 010	-	£1 938	£3 088	£2 576	•	-
MANUAL	DMF DU8 Wind	ow with p	oassive q	uadruple	glazed u	nit. U-valı	ue 0.64 W.	/m²K								
MA		£1 504	£1 627	£1 683	£1 693	-	£1 896	£2 075	£2 020	£2 502	-	£2 448	-	-	-	-
	DMF DU6 Sec	ure v	Vindow v	vith high	ly-energy	efficient	triple glaz	ed unit. U	J-value 0.7	W/m²K						
		-	-	-	-	-	£1 716	£1 890	£1 838	-	-	£2 212	-	-	-	-
	<b>DEF DU6</b> Windo	w with hi	iahly-ene	rav effici	ant trinla	alazed ur	nit Havalu	o 0 7 W/n	n²K							
	DEI DOG WINGO								£1 933	f2 278	f2 075	f2 224	f3 796	f2 984	f2 495	£3 895
2	DEE DUG								21733	22 270	22 07 3	22 22 7	23770	22 701	22 173	25 075
ELECTRIC	<b>DEF DU8</b> Windo															
ᆸ		£1 844	£1 932	£1 996	£2 012	£2 005	£2 168	£2 388	£2 333	£2 767	£2 480	£2 690	•	•	£2 850	-
	<b>DEF DU6 Sola</b>	ar Wind	ow with	highly-er	nergy effic	cient triple	e glazed u	ınit. U-val	ue 0.7 W/n	n²K						
		£1 565	£1 652	£1 692	£1 699	£1 705	£1 878	£2 035	£1 990	£2 480	£2 095	£2 395	£3 909	£3 072	£2 545	£4 045

### FLAT ROOF WINDOWS - TYPE G

Best-selling type  ${\sf G}$  flat roof windows.

	windows external dimensions [cm]	60x60	60x90	70x70	80x80	90x90	90x120	100x100	100x150	120x120	120x220	140x140
	effective glazing area [m²]	0,23	0,37	0,33	0,46	0,6	0,83	0,77	1,21	1,16	2,23	1,63
	size symbol	01K	02K	03K	04K	05K	06K	07K	10K	08K	11K	09K
NON- OPENING	DXG P2 Window v	vith anti-bu	ırglary dou	ble glazed	unit. U-val	ue of winc	low 0.92 W	∕/m²K				
OPE		£662	£722	£767	£769	£869	£1 002	£955	£1 244	£1 206	£2 200	£1 596
MANUAL	DMG P2 Window	with anti-b	ourglary do	uble glaze	d unit. U-va	alue of wir	ndow 0.92 V	$N/m^2K$				
MAN		£836	£933	£959	£994	£1 104	£1 326	£1 228	£1 816	£1 498	£2 760	£2 185
ELECTRIC	DEG P2 Window v	vith anti-bu	ırglary dou	ble glazed	unit. U-val	ue of winc	low 0.92 W	∕/m²K				
ELEC		£1 236	£1 289	£1 428	£1 329	£1 452	£1 765	£1 712	£2 100	£1 926	£3 675	£2 893

### FLAT ROOF WINDOWS - TYPE Z

Type Z flat roof windows have a specially constructed glass segment allowing water drainage.

	windows external dimensions [cm]	60x60	60x90	70x70	80x80	90x60	90x90	90x120	100x100	120x90	120x120
	effective glazing area [m²]	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
ט	DXZ-A P2 AM	<b>Z/Z</b> Win	dow witha	nti-burglar	y double g	lazed unit.	U-value of	window 0	.95 W/m²K		
NON-OPENING		£1 365	£1 470	£1 522	£1 575	£1 470	£1 680	£1 890	£1 942	£1 890	£2 100
O-NO	DXZ-B P2 AM	<b>Z/Z</b> Win	dow witha	nti-burglar	y double g	lazed unit.	U-value of	window 0	.95 W/m <sup>2</sup> K		
Ž		£1 155	£1 208	£1 260	£1 312	£1 260	£1 365	£1 418	£1 470	£1 545	£1 575
	DMZ-A P2 AN	/Z/Z Wi	ndow with	anti-burgla	ary double	glazed uni	t. U-value d	of window	0.95 W/m²k	(	
MANUAL		£1 475	£1 588	£1 645	£1 702	-	£1 758	£2 042	£2 098	-	£2 268
MA	DMZ-B P2 AM	1 <b>Z/Z</b> Wi	ndow with	anti-burgla	ry double	glazed unit	t. U-value c	of window	0.95 W/m²k		
		£1 312	£1 365	£1 418	£1 470	-	£1 522	£1 732	£1 785		£1 942
	DEZ-A P2 AM	<b>Z/Z</b> Win	dow witha	nti-burglar	y double g	lazed unit.	U-value of	window 0	.95 W/m <sup>2</sup> K		
ELECTRIC		£1 769	£1 905	£1 974	£2 042	-	£2 110	£2 449	£2 518	-	£2 722
FLE	DEZ-B P2 AM	<b>Z/Z</b> Win	dow witha	nti-burglar	y double g	lazed unit.	U-value of	window 0.	.95 W/m²K		
		£1 628	£1 732	£1 838	£1 942	-	£2 048	£2 258	£2 310	-	£2 572

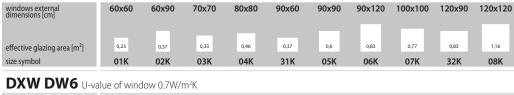
#### **FLAT ROOF WINDOWS - TYPE C**

Domed roof windows Provides a large amount of natural light.

	windows external dimensions [cm]	60x60	60x90	70x70	80x80	90x60	90x90	90x120	100x100	100x150	120x90	120x120	120x220	140x140	150x100	200x100
	effective glazing area [m²] size symbol	0,23 <b>01K</b>	0,37 <b>02K</b>	0,33 <b>03K</b>	0,46 <b>04K</b>	0,37 <b>31K</b>	0,6 <b>05K</b>	0,83 <b>06K</b>	0,77 <b>07K</b>	1,21 10K	0,83 <b>32K</b>	1,16 08K	2,23 11K	1,63 <b>09K</b>	1,21 33K	1,64 <b>34K</b>
ט	<b>DXC-C P2</b> Window with anti-burglary double glazed unit. U-value of window 1.2 W/m²K															
NON-OPENING		£558	£599	£642	£630	-	£725	£834	£787	£1 022	-	£985	£1 852	£1 376	-	-
0-N0	<b>DXC-C P4 Secure</b> Window with anti-burglary double glazed unit. U-value 1.2 W/m²K															
Ż		-	-	-	-	-	£948	£1 028	£1 002	-	-	£1 237	-		-	
	DMC-C P2 Wind	dow with	n anti-bur	glary do	uble glaz	ed unit. U	-value of	window 1	.2 W/m²K							
MANUAL		£762	£844	£870	£874	-	£999	£1 116	£1 082	£1 388	-	£1 345	£2 378	£1 765	-	
MAR	DMC-C P4 Sec	cure	Window v	with anti-	-burglary	double g	lazed unit	. U-value	1.2 W/m <sup>2</sup> K							
		-	-	-	-	-	£1 145	£1 276	£1 242	-	-	£1 538			-	
	DEC-C P2 Windo	w with a	nti-burgl	ary doub	le glazed	unit. U-v	alue of wi	ndow 1.2	W/m²K							
ELECTRIC		£1 122	£1 165	£1 222	£1 199	£1 255	£1300	£1 418	£1 368	£1 617	£1 545	£1 579	£2 990	£2 238	£1 765	
ELEC	DEC-C U8 (VS	<b>G)</b> Wir	ndow wit	h quadru	ple glaze	d unit. U-	value of v	vindow 0.	72 W/m²K							
		£1 658	£1 735	£1 788	£1 799	£1 849	£1 978	£2 168	£2 105	£2 488	£2 289	£2 425	-	-	£2 629	£2 649

#### **WALK-ON FLAT ROOF WINDOWS**

Providing a surface level with the roof and a special non-slip coating.



£1 960

£2 095

£2 166

£2384

£2 320

£3 250

£2 812

### **SMOKE VENTILATION FLAT ROOF WINDOWS**

£1 740

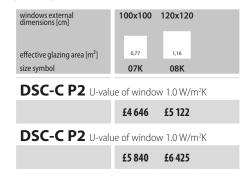
Used for extraction of smoke and heat emitted in a building during a fire.

105x105 120x120

£1 869

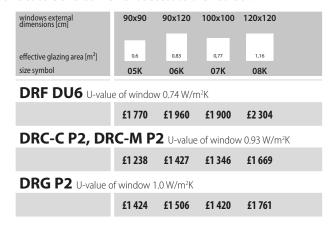
£1 932





#### **FLAT ROOF ACCESS WINDOWS**

Provides safe and convenient access to the flat roof.



#### **FLAT ROOF ACCESS DOOR**

Provides safe and convenient access to the flat roof.



# **ACCESSORIES FLAT ROOF WINDOWS**

#### **INSTALLATION BASE**

The XRD base allows you to rise the window above the flat roof by 15cm.

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	150x100 33K	200x100 34K
XRD															
	£222	£234	£245	£245	-	£260	£286	£284	£319	-	£312	£375	£362	-	-
XRD/W															
	£241	£252	£267	£267	-	£283	£311	£307	£347	-	£342	£406	£395	-	-
XRD/A															
	-	-	-	-	-	£110	£140	£142	-	-	£154	-	-	-	-

#### **EXTERNAL AWNING BLINDS**

Comfortable, automatic operation of the blinds.

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	150x100 33K	200x100 34K
AMZ/F Solar I															
	£656	£656	£678	£678	-	£695	£706	£695	£724	-	£911	£1 074	£845	-	-
AMZ/F Solar II															
	£695	£695	£719	£719		£741	£752	£741	£770	-	£970	£1 145	£905	-	-
AMZ/C Z-Wav	⁄e l														
	£312	£320	£325	£330		£346	£634	£356	£680	-	£706	£782	£670	-	-
AMZ/C Z-Wave II															
	£358	£365	£376	£379		£398	£725	£409	£774	-	£809	£892	£763	-	-

#### INTERNAL BLACKOUT BLINDS

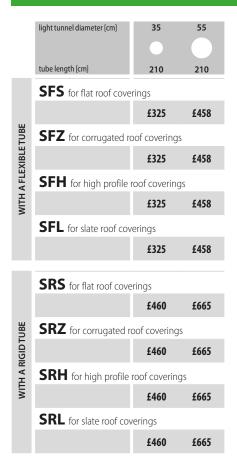
Blackout blinds suitable for flat roof windows.

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	150x100 33K	200x100 34K
ARF/D I															
	£83	£83	£90	£95	-	£102	£111	£111	£113	-	£137	-		-	
ARF/D II															
	£92	£92	£97	£103	-	£110	£124	£124	£126	-	£138	-		-	
ARF/D Z-Wav	e I														
	£307	£307	£314	£316	-	£325	£330	£330	£357				£373	-	
ARF/D Z-Wave II															
	£315	£315	£320	£325		£332	£339	£339	£364	-			£380	-	-
ARF/D Solar I															
	£320	£320	£332	£334		£343	£346	£346	£373	-		£420	£396	-	-
ARF/D Solar I	I														
	£327	£327	£339	£341	-	£350	£353	£353	£381	-	-	£431	£404	-	-

ZRD	£98
ZBR	£58
ZBL/D	£55

# **LIGHT TUNNELS**

#### LIGHT TUNNELS



#### **FLAT ROOF LIGHT TUNNELS**

light tunnel diameter [cm]	35	55					
tube length [cm]	210	210					
<b>SFF</b> flexible transmitt	ing tube						
	£458	£768					
light tunnel diameter [cm]	35	55					
tube length [cm]	61	61					
SRF rigid transmitting tube							
	£569	£884					

#### **ACCESSORIES**

light tunnel diameter [cm] tube length [cm]	35 210	55 210					
SLM 30 tube exten	nsion kit, leng	jth 30cm					
	£70	£80					
SLM 60 tube exten	nsion kit, leng	jth 60cm					
	£83	£96					
<b>SLM 90</b> tube extension kit, length 90cm							
	£95	£110					
SLM 120 tube ext	ension kit, le	ngth 120cm					
	£86	£120					
SLM 210 tube ext	ension kit, le	ngth 210cm					
	£145	£180					
SI O leataile							
SLO light kit							

light tunnel diameter [cm] tube length [cm]	35 210	55 210				
SRM 61 tube exte	nsion kit, ler	ngth 61cm				
	£100	£132				
SRK elbow						
	£135	£260				
<b>SLO</b> light kit						
	£59	£62				

ı		
B		
6	2	ì
Ė	2	
į		þ
d	Ξ	3
¢	7	2
¢	7	2
ľ	7	Ē
H	7	
١	4	í

NOTES	







#### Fakro GB Ltd

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