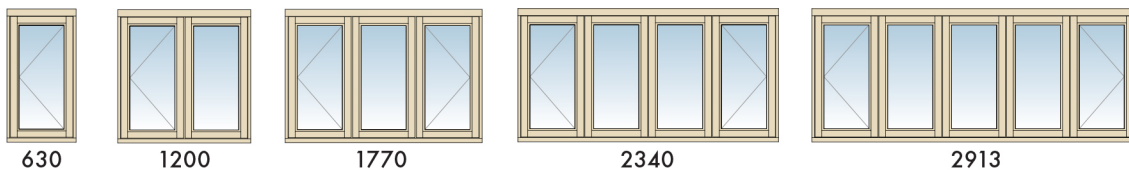
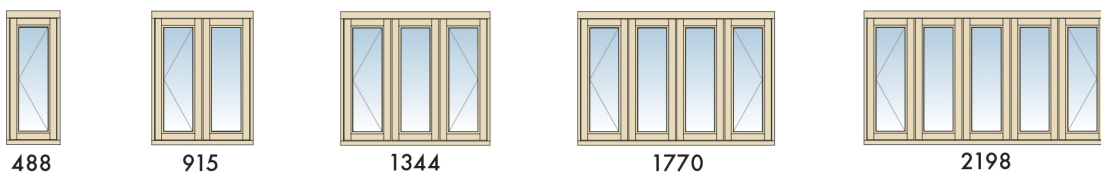


01 STORVIK^{SKD} DOUBLE GLAZED SIDE HUNG (STANDARD MODULE)



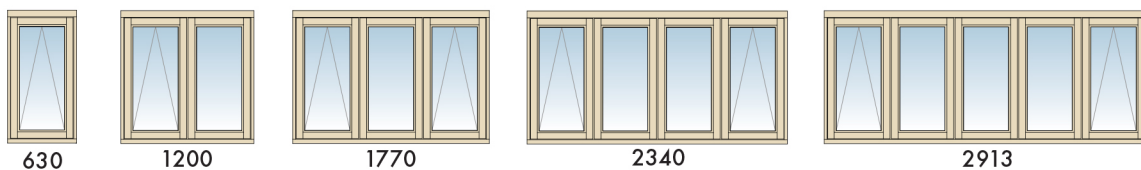
HEIGHT	CODE	CODE	CODE	CODE	CODE
750	SKD107C	SKD207CF	SKD307CFC	SKD407CFFC	SKD507CFFFC
900	SKD109C	SKD209CF	SKD309CFC	SKD409CFFC	SKD509CFFFC
1050	SKD110C	SKD210CF	SKD310CFC	SKD410CFFC	SKD510CFFFC
1200	SKD112C	SKD212CF	SKD312CFC	SKD412CFFC	SKD512CFFFC
1350	SKD113C	SKD213CF	SKD313CFC	SKD413CFFC	SKD513CFFFC
1500	SKD115C	SKD215CF	SKD315CFC	SKD415CFFC	SKD515CFFFC

02 STORVIK^{SKD} SKD DOUBLE GLAZED SIDE HUNG (NARROW MODULE)



HEIGHT	CODE	CODE	CODE	CODE	CODE
750	SKDN07C	SKD2N07CF	SKD3N07CFC	SKD4N07CFFC	SKD5N07CFFFC
900	SKDN09C	SKD2N09CF	SKD3N09CFC	SKD4N09CFFC	SKD5N09CFFFC
1050	SKDN10C	SKD2N10CF	SKD3N10CFC	SKD4N10CFFC	SKD5N10CFFFC
1200	SKDN12C	SKD2N12CF	SKD3N12CFC	SKD4N12CFFC	SKD5N12CFFFC
1350	SKDN13C	SKD2N13CF	SKD3N13CFC	SKD4N13CFFC	SKD5N13CFFFC
1500	SKDN15C	SKD2N15CF	SKD3N15CFC	SKD4N15CFFC	SKD5N15CFFFC

03 STORVIK^{SKD} DOUBLE GLAZED TOP HUNG (STANDARD MODULE)

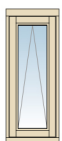


HEIGHT	CODE	CODE	CODE	CODE	CODE
600	SKD106A	SKD206AF	SKD306AFA	SKD406AFFA	SKD506AFFFA
750	SKD107A	SKD207AF	SKD307AFA	SKD407AFFA	SKD507AFFFA
900	SKD109A	SKD209AF	SKD309AFA	SKD409AFFA	SKD509AFFFA
1050	SKD110A	SKD210AF	SKD310AFA	SKD410AFFA	SKD510AFFFA
1200	SKD112A	SKD212AF	SKD312AFA	SKD412AFFA	SKD512AFFFA
1350	SKD113A	SKD213AF	SKD313AFA	SKD413AFFA	SKD513AFFFA

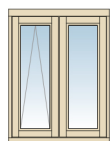
NOTE: All glazed frames now include low-E 24mm glazing. Frames 1500mm high or above, include low-E toughened glass. Window sizes shown are nominal and are approx 5mm to 10mm less than the size shown depending on sash configuration to allow for building in. All illustrations above tables show exterior views.

Fire Escape Windows will be fitted with Fire Escape Hinges.

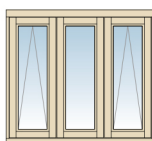
04 STORVIK^{SKD} DOUBLE GLAZED TOP HUNG (NARROW MODULE)



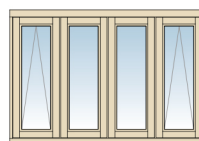
488



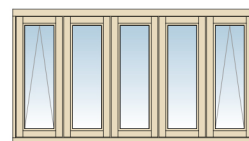
915



1344



1770



2198

HEIGHT	CODE	CODE	CODE	CODE	CODE
600	SKDN06A	SKD2N06AF	SKD3N06AFA	SKD4N06AFFA	SKD5N06AFFFA
750	SKDN07A	SKD2N07AF	SKD3N07AFA	SKD4N07AFFA	SKD5N07AFFFA
900	SKDN09A	SKD2N09AF	SKD3N09AFA	SKD4N09AFFA	SKD5N09AFFFA
1050	SKDN10A	SKD2N10AF	SKD3N10AFA	SKD4N10AFFA	SKD5N10AFFFA
1200	SKDN12A	SKD2N12AF	SKD3N12AFA	SKD4N12AFFA	SKD5N12AFFFA
1350	SKDN13A	SKD2N13AF	SKD3N13AFA	SKD4N13AFFA	SKD5N13AFFFA

05 STORVIK^{SKD} DOUBLE GLAZED STANDARD VENT (STANDARD MODULE)



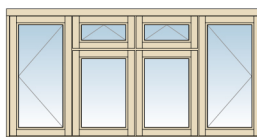
630



1200



1770



2340



2913

HEIGHT	CODE	CODE	CODE	CODE	CODE
1050	SKD110V	SKD210CV	SKD310CVC	SKD410CVC	SKD510CVWC
1200	SKD112V	SKD212CV	SKD312CVC	SKD412CVC	SKD512CVWC
1350	SKD113V	SKD213CV	SKD313CVC	SKD413CVC	SKD513CVWC
1500	SKD115V	SKD215CV	SKD315CVC	SKD415CVC	SKD515CVWC

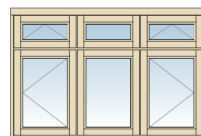
06 STORVIK^{SKD} DOUBLE GLAZED STANDARD VENT (STANDARD MODULE) CONT'



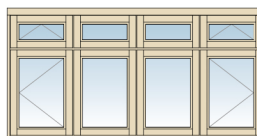
630



1200



1770



2340



2913

HEIGHT	CODE	CODE	CODE	CODE	CODE
1050	SKD110T	SKD210TX	SKD310TXT	SKD410TXXT	SKD510TXXXT
1200	SKD112T	SKD212TX	SKD312TXT	SKD412TXXT	SKD512TXXXT
1350	SKD113T	SKD213TX	SKD313TXT	SKD413TXXT	SKD513TXXXT
1500	SKD115T	SKD215TX	SKD315TXT	SKD415TXXT	SKD515TXXXT

NOTE: All glazed frames now include low-E 24mm glazing. Frames 1500mm high or above, include low-E toughened glass. Window sizes shown are nominal and are approx 5mm to 10mm less than the size shown depending on sash configuration to allow for building in. All illustrations above tables show exterior views.

Fire Escape Windows will be fitted with Fire Escape Hinges.

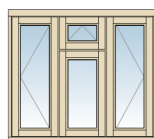
07 STORVIK^{SKD} DOUBLE GLAZED STANDARD VENT (NARROW MODULE)



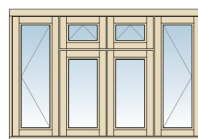
488



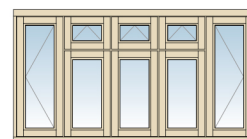
915



1344



1770



2198

HEIGHT	CODE	CODE	CODE	CODE	CODE
1050	SKDN12V	SKD2N12CV	SKD3N12CVC	SKD4N12CVC	SKD5N12CVC
1200	SKDN15V	SKD2N15CV	SKD3N15CVC	SKD4N15CVC	SKD5N15CVC
1350	SKDN13V	SKD2N13CV	SKD3N13CVC	SKD4N13CVC	SKD5N13CVC
1500	SKDN15V	SKD2N15CV	SKD3N15CVC	SKD4N15CVC	SKD5N15CVC

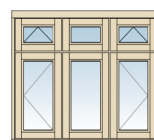
08 STORVIK^{SKD} DOUBLE GLAZED STANDARD VENT (NARROW MODULE) CONT'



488



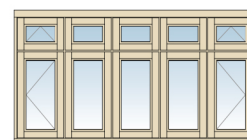
915



1344



1770



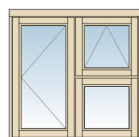
2198

HEIGHT	CODE	CODE	CODE	CODE	CODE
1050	SKDN10T	SKD2N10TX	SKD3N10TXT	SKD4N10TXXT	SKD5N10TXXXT
1200	SKDN12T	SKD2N12TX	SKD3N12TXT	SKD4N12TXXT	SKD5N12TXXXT
1350	SKDN13T	SKD2N13TX	SKD3N13TXT	SKD4N13TXXT	SKD5N13TXXXT
1500	SKDN15T	SKD2N15TX	SKD3N15TXT	SKD4N15TXXT	SKD5N15TXXXT

09 STORVIK^{SKD} DOUBLE GLAZED DEEP VENT (STANDARD MODULE)



630



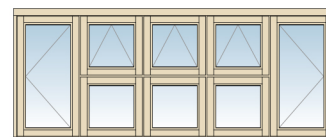
1200



1770



2340



2913

HEIGHT	CODE	CODE	CODE	CODE	CODE
900	SKD109D	SKD209CD	SKD309CDC	SKD409CDDC	SKD509CDDDC
1050	SKD110D	SKD210CD	SKD310CDC	SKD410CDDC	SKD510CDDDC
1200	SKD112D	SKD212CD	SKD312CDC	SKD412CDDC	SKD512CDDDC
1350	SKD113D	SKD213CD	SKD313CDC	SKD413CDDC	SKD513CDDDC
1500	SKD115D	SKD215CD	SKD315CDC	SKD415CDDC	SKD515CDDDC

NOTE: All glazed frames now include low-E 24mm glazing. Frames 1500mm high or above, include low-E toughened glass. Window sizes shown are nominal and are approx 5mm to 10mm less than the size shown depending on sash configuration to allow for building in. All illustrations above tables show exterior views.



Fire Escape Windows will be fitted with Fire Escape Hinges.

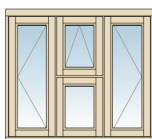
10 STORVIK^{SKD} DOUBLE GLAZED DEEP VENT (NARROW MODULE)



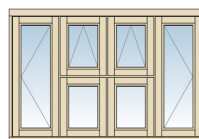
488



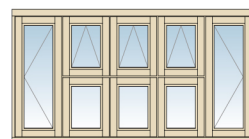
915



1344



1770



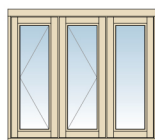
2198

HEIGHT	CODE	CODE	CODE	CODE	CODE
900	SKDN09D	SKD2N09CD	SKD3N09CDC	SKD4N09CDDC	SKD5N09CDDDC
1050	SKDN10D	SKD2N10CD	SKD3N10CDC	SKD4N10CDDC	SKD5N10CDDDC
1200	SKDN12D	SKD2N12CD	SKD3N12CDC	SKD4N12CDDC	SKD5N12CDDDC
1350	SKDN13D	SKD2N13CD	SKD3N13CDC	SKD4N13CDDC	SKD5N13CDDDC
1500	SKDN15D	SKD2N15CD	SKD3N15CDC	SKD4N15CDDC	SKD5N15CDDDC

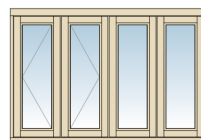
11 STORVIK^{SKD} DOUBLE GLAZED (NARROW MODULE) ESCAPE WINDOW



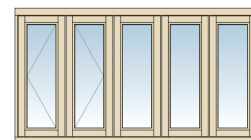
915



1344



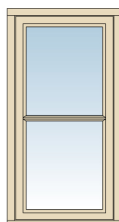
1770



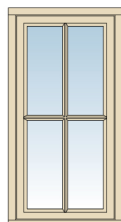
2198

HEIGHT	CODE	CODE	CODE	CODE
900	ESKD2N09CC 	ESKD3N09CCF 	ESKD4N09CCFF 	ESKD5N09CCFFF 
1050	ESKD2N10CC 	ESKD3N10CCF 	ESKD4N10CCFF 	ESKD5N10CCFFF 
1200	ESKD2N12CC 	ESKD3N12CCF 	ESKD4N12CCFF 	ESKD5N12CCFFF 
1350	ESKD2N13CC 	ESKD3N13CCF 	ESKD4N13CCFF 	ESKD5N13CCFFF 
1500	ESKD2N15CC 	ESKD3N15CCF 	ESKD4N15CCFF 	ESKD5N15CCFFF 

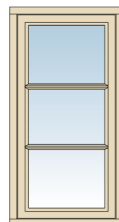
12 STORVIK^{SKD} BAR OPTIONS



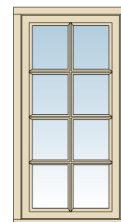
SKDH



SKDC



SKD2B



SKDDB

BAR OPTION	HORIZONTAL BAR	COTTAGE BAR	TWO BAR	GEORGIAN BAR
	SKDH	SKDC	SKD2B	SKDDB

NOTE: All glazed frames now include low-E 24mm glazing. Frames 1500mm high or above, include low-E toughened glass. Window sizes shown are nominal and are approx 5mm to 10mm less than the size shown depending on sash configuration to allow for building in. All illustrations above tables show exterior views.



Fire Escape Windows will be fitted with Fire Escape Hinges.

STORVIK BAY WINDOWS

13 SQUARE BAYS

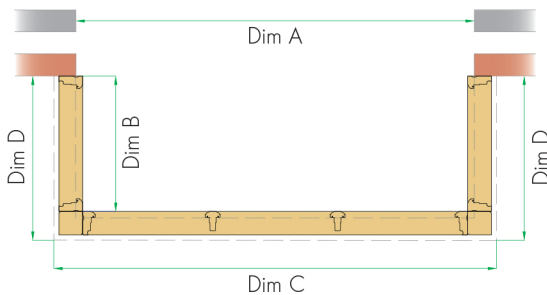
Standard Module

CODE	DIMENSION			
	A	B	C	D
SQSK1	680	620	884	752
SQSK2	1252	620	1456	752
SQSK3	1824	620	2028	752
SQSK4	2396	620	2600	752
SQSK5	2968	620	3172	752

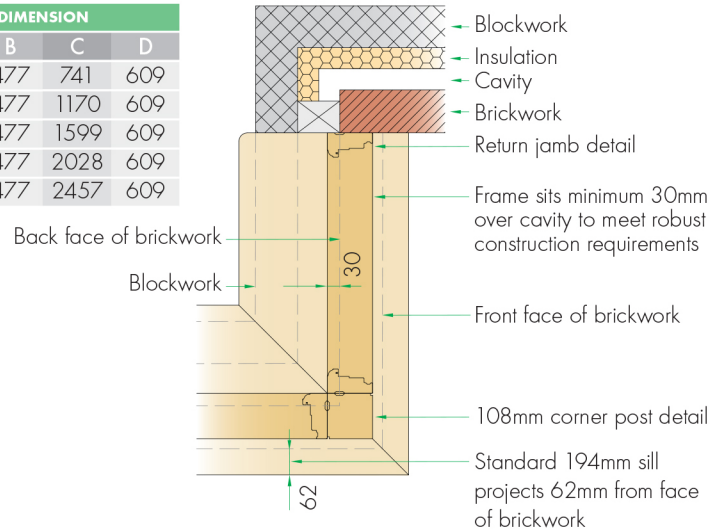
Narrow Module

CODE	DIMENSION			
	A	B	C	D
SQSK1N	537	477	741	609
SQSK2N	966	477	1170	609
SQSK3N	1395	477	1599	609
SQSK4N	1824	477	2028	609
SQSK5N	2253	477	2457	609

Dimensions



NOTE: Dashed line represents brickwork



14 60° SPLAYED BAYS

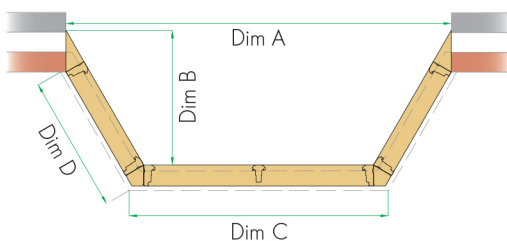
60° Standard Module

CODE	DIMENSION			
	A	B	C	D
SPSK1/60	1427	699	772	710
SPSK2/60	1999	699	1344	710
SPSK3/60	2571	699	1916	710
SPSK4/60	3143	699	2488	710
SPSK5/60	3715	699	3060	710

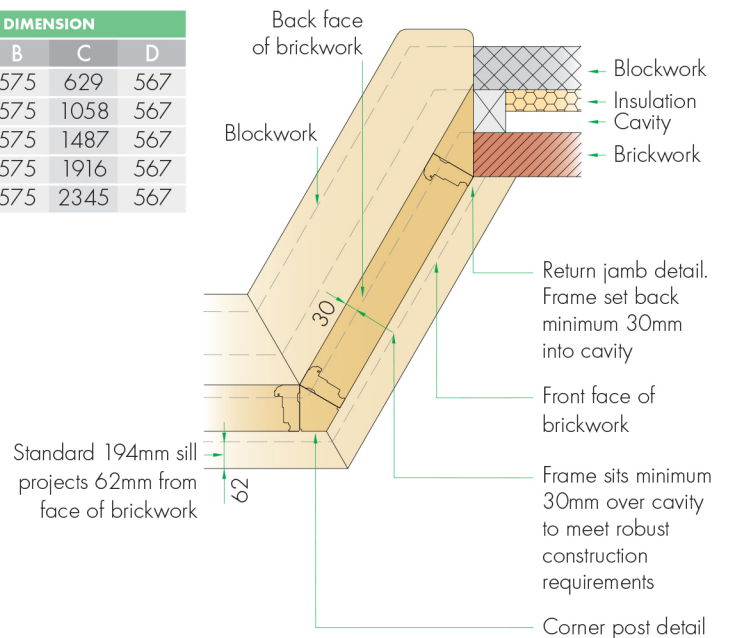
60° Narrow Module

CODE	DIMENSION			
	A	B	C	D
SPSK1N/60	1141	575	629	567
SPSK2N/60	1570	575	1058	567
SPSK3N/60	1999	575	1487	567
SPSK4N/60	2428	575	1916	567
SPSK5N/60	2857	575	2345	567

Dimensions



NOTE: Dashed line represents brickwork



NOTE: To comply with manual handling regulations, pre-glazed bays or combinations will be supplied in sections for final site assembly.

15 45° SPLAYED BAYS

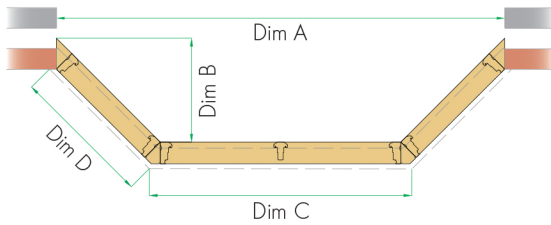
45° Standard Module

CODE	DIMENSION			
	A	B	C	D
SPSK1/45	1650	515	729	699
SPSK2/45	2222	515	1301	699
SPSK3/45	2794	515	1873	699
SPSK4/45	3366	515	2445	699
SPSK5/45	3938	515	3017	699

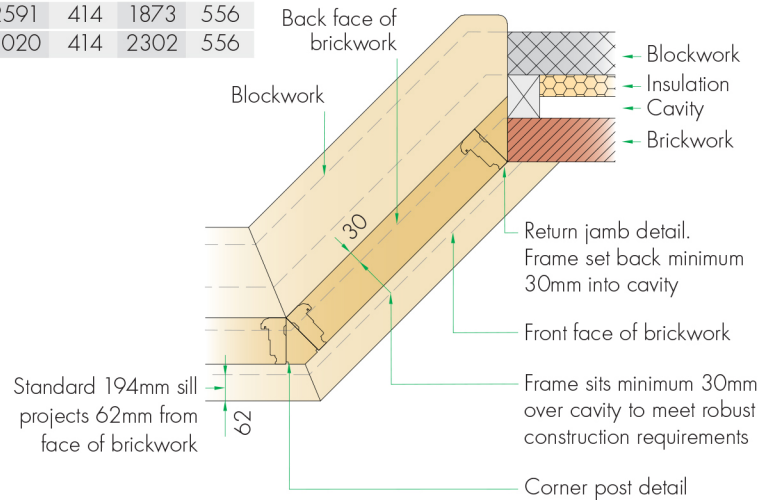
45° Narrow Module

CODE	DIMENSION			
	A	B	C	D
SPSK1N/45	1304	414	586	556
SPSK2N/45	1733	414	1015	556
SPSK3N/45	2162	414	1444	556
SPSK4N/45	2591	414	1873	556
SPSK5N/45	3020	414	2302	556

Dimensions



NOTE: Dashed line represents brickwork



16 30° SPLAYED BAYS

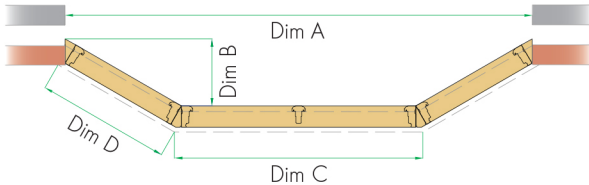
30° Standard Module

CODE	DIMENSION			
	A	B	C	D
SPSK1/30	1802	341	691	682
SPSK2/30	2374	341	1263	682
SPSK3/30	2946	341	1835	682
SPSK4/30	3518	341	2407	682
SPSK5/30	4090	341	2979	682

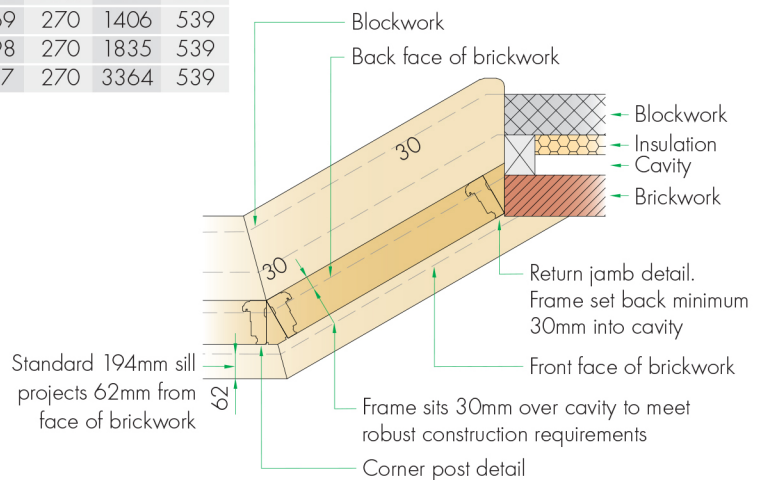
30° Narrow Module

CODE	DIMENSION			
	A	B	C	D
SPSK1N/30	1411	270	548	539
SPSK2N/30	1840	270	977	539
SPSK3N/30	2269	270	1406	539
SPSK4N/30	2698	270	1835	539
SPSK5N/30	3127	270	3364	539

Dimensions



NOTE: Dashed line represents brickwork



NOTE: To comply with manual handling regulations, pre-glazed bays or combinations will be supplied in sections for final site assembly.

17 STORVIK^{SKD} WINDOW OPTIONS

1. Night ventilators

All windows between 488mm and 914mm include 4600mm² equivalent area of ventilation. All windows 915mm wide and over include 9200mm² equivalent area of ventilation. Please specify if you require only 4600mm² or no ventilation.

2. Sills

The standard sill width is 194mm to allow the frame to be set back into the cavity to meet Part L Robust Construction Detail requirements. Other available sill width options are 108mm flush sills and 144mm stub sills, or 244mm extended sills.

Larger sills have a tendency to cup, twist or split. These risks are greater on south facing elevations or if decorated with a dark top coat. Where a frame needs to be set back into the wall to avoid cold bridging, we recommend that a flush or a stub sill is used in conjunction with a stone or canted brick sill. **Consequently, we do not guarantee extended sills.**

3. Finishing options

Frames are available in any of our standard finishes

Frames are also generally available in standard RAL colours except black. For availability of other darker shades please contact the Sales Office on 01469 530577.

4. Combination door and window frames are available

5. Bay Windows

Bays are available in the Storvik range excluding shallow and deep circular.

6. Repair kits for fully finished windows

Includes paint or stain, brush, sandpaper, tube of filler and instructions. Will cover 0.5m².

7. Cavity closers in loose lengths are available

8. Window furniture and locking mechanisms

A range of furniture options is available.

Available in a range of colour options. White and Black in one price group. Polished Chrome effect, Satin Chrome effect and Gold effect are available at an extra cost.

Windows are fitted with S.B.D. shootbolt locking systems and reflex hinges.

Shootbolt locking

Locking mechanisms are user adjustable by the purchaser to allow for slight movement which can occur naturally within timber profiles, or any alignment change which may have occurred to the sash during the transport or installation of the frame.

9. Secured by Design

STORVIK^{SKD} windows are supplied to achieve PAS24:1012 Secured by Design requirements and are audited to ensure continuing compliance as part of our BSI Kitemark Scheme. Some sizes may exceed tested dimensions. For full details on which frames meet S.B.D., please contact our Sales Office on 01469 530577.

10. Restrictor stays

Concealed restrictor stays are available.

11. Cambered heads

One per window produced in non-laminated Redwood are available. One will be supplied per frame unless otherwise requested.

12. Perimeter pinch battens

For installing frames into timber frame buildings. These are available made from non-laminated Redwood. They are fitted to the jambs and heads of the frame unless otherwise requested.

13. Shrink wrapping

Frames are wrapped as standard in a clear cling film which permits visual inspection of the frame upon delivery.

14. Tolerances

On the STORVIK^{SKD} range the 'brick work' tolerances vary between 5 and 10mm allowing for consistent sash widths.

15. Quotation prices

Quotation prices do not include VAT which will be charged at the rate applicable at the time of delivery. Prices quoted are subject to Howarth's Standard Terms and Conditions of Sale.

16. Deliveries

All ancillary purchases are subject to a post and packing charge. Orders of £1,000 or less will be subject to a delivery charge.



NOTE: All glazed frames now include low-E 24mm glazing. Frames 1500mm high or above, include low-E toughened glass.

