

Traditional hardwood feature doors

Door thickness

Standard doors: 44mm (1 3/4").

Sealing

All unglazed timber feature doors are supplied with bead packs as standard.

Glazing suitability

Traditional feature doors are suitable for double glazing up to 14mm thick, unless indicated for single glazing only.

These doors are not available factory glazed, finished or serviced or as a doorset.

Door finishing

Traditional hardwood feature doors are treated with a coloured harmonising base coat stain, requiring full decoration prior to installation.

Please note that hardwood products may vary in finished appearance due to colour variation in timber materials and base coat stains.

Weather protection

To ensure door and door frame provide adequate performance in exposed situations, it is recommended that installation is within a porch or canopy. This is particularly critical with open in doors and pairs.

Face fixed weatherboards

Hardwood, supplied loose, 930mm wide
CODE 46979 PRICE £12.00.

Thermal efficiency

U 0.00 'U' values are indicated alongside products in this section for guidance only. All values shown are manufacturers calculations, based on material content for an 838mm size door within a doorset. The calculation includes 14mm or 24mm glazing unit. The 'U' value indicates thermal efficiency (w/m²k). The lower the 'U' value the greater the energy saving. For further details, see Building Regulations Part L.

Building regulations

U 0.00 Part L (amber icon)
Suitable for refurbishment projects if the glazed area of the door is less than 50% of door and frame area.

Guarantees

Guaranteed for two years against manufacturing defects.

Guarantees are subject to the products being treated in accordance with Premdor's instructions for storage, handling, installation, maintenance and use and exclude ironmongery where applicable. Failure to follow these instructions may invalidate your guarantee. This does not affect your statutory rights.

Product availability

All items shown tint flashed are normally available ex-stock. Some designs may be discontinued during the life of this Range Guide.

Ordering

Door prices exclude glass, letterplate aperture, ironmongery and frames unless where otherwise stated. Doors supplied will require on site finishing. When ordering always state product codes. All prices exclude VAT. Specifications may vary at our option.

TRADITIONAL HARDWOOD KENSINGTON FEATURE DOOR

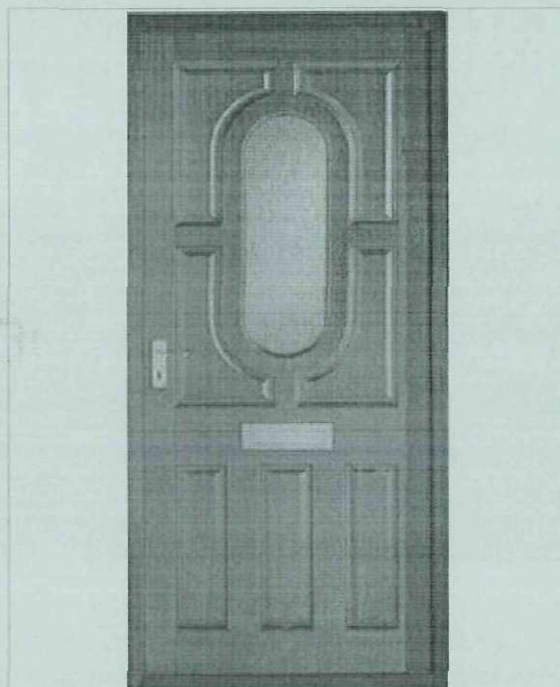


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Acacia



Product Information

127mm (5") stiles for fitting of 1
Selected hardwood materials with
our option

Treated with an equalizing base
Mortice and tenon construction
Glazing beads supplied as standard
Available as door leaf only
Door thickness of 44mm (1 3/4")

Technical Specification

[▶ CLICK HERE TO DOWNLOAD](#)

Handling, Storage & Fitting Instructions

[▶ CLICK HERE TO DOWNLOAD](#)

Nearest Distributor Location

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Product Specifications

Code	Title	Price	Size
90590	-	£278	838 x 1981mm (2'9"x6'6")
90591	-	£278	813 x 2032mm (2'8"x6'8")
90592	-	£278	762 x 1981mm (2'6"x6'6")
90593	-	£278	807 x 2000mm (Standard metric)
90594	-	£290	864x2083mm (2'10"x6'10")

The following options are available with Design 24 and Design 24 Secure windows as indicated.

Many options can be added to the windows with standard delivery leadtime for the product. Contact your distributor for full details.

SHDC
Planning & Development

15 JUL 2009

Ref: 0524/09

Factory fitted glazing

- Factory installed double glazing saves time on site and ensures a consistent quality of finished product.
- This option is backed by a 10 year guarantee, against unit failure.
- Double glazed units are manufactured using a bronze spacer bar (white or silver available on application).
- Argon filled double glazed units also available, price on application.
- Code FFG refers to factory fitted glazing details shown with the relevant Design 24 window.

Factory finishing

Premdor offers priming and factory finishing options on Design 24 and Design 24 Secure windows. Prices for factory finishing and availability can be supplied on application.

Fully factory finished

Factory finishing options are also available. Factory finished paint is guaranteed for 8 years and stain for 5 years under normal conditions, subject to periodic cleaning and inspection. Engineered components may be used in windows specified as factory finished.

When factory finished windows are specified, we recommend the use of Premdor's Cavity Closer system (see page 92), and suggest that window installation takes place as late in the build programme as possible, to avoid site damage.

Base coat/priming

Prices shown in the Range Guide include base coat stain, and Premdor offer cream prime as an alternative.

CODE FP PRICE FOC

STAIN FINISH

Light Oak
Teak

Mahogany

PAINT FINISH

White

Cream



Design 24 Low 'E' factory fitted double glazing

Clear or Obscure* (4.16.4)

Annealed	FFG LowE
Toughened	FFG LowE + 38%

Diamond or Rectangular leaded

Annealed	FFG LowE + 83%
Toughened	FFG LowE + 133%

Stained and applied lead designs are available in the styles shown. Decoration is to the outer face of the glass and actual appearance varies depending on the dimensions of the window. Appearance may vary dependant on window size.

Please note that leaded illustrations are not to scale: Diamond = 120 x 200mm high Rectangular = 120 x 180mm high

Design 24 Secure Low 'E' factory fitted double glazing

Clear or Obscure* (5.4.14.4)

Laminated Annealed	FFG LowE + 13%
Laminated Toughened	FFG LowE + 23%

*Bark (or equivalent) design supplied as standard obscure. Other patterns are available on application.

Fitted cills

Fit alternative cill (per cill)

CILL TYPE	PROJECTION	CODE	PRICE
Cill fillet	(85mm o/a)	COF	FOC
'B' sub cill	(101mm o/a)	CB	FOC
'A' sub cill	(130mm o/a)	CA	£10.00
'C' sub cill	(144mm o/a)	CC	£10.00

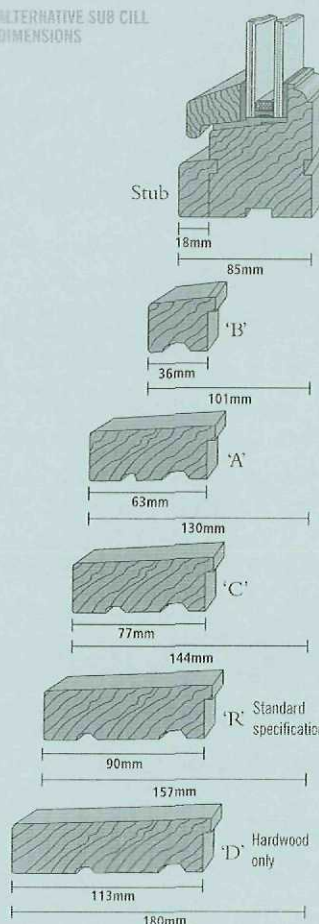
'R' sub sill standard specification (157mm overall, softwood or hardwood).

Fit alternative hardwood cill to softwood window (per cill)

CILL TYPE	PROJECTION	CODE	PRICE
Cill fillet	(85mm o/a)	COF	£18.00
'B' sub cill	(101mm o/a)	CBH	£18.00
'A' sub cill	(130mm o/a)	CAH	£18.00
'C' sub cill	(144mm o/a)	CAH	£18.00
'R' sub cill	(157mm o/a)	CRH	£18.00
'D' sub cill	(181mm o/a)	CDH	£30.00

Head drip and sub cill can be extended 300mm on both sides £14.00 per window.

ALTERNATIVE SUB CILL DIMENSIONS



Fitted projection surrounds

48mm projection surrounds fitted to heads and jambs

DESCRIPTION	CODE	PRICE
Softwood	SCOM48	£110.00
Hardwood	HCOM48	£230.00

48mm projection surrounds fitted to jambs

DESCRIPTION	CODE	PRICE
Softwood	SJAM48	£110.00
Hardwood	HJAM48	£230.00

Fitting of surrounds adds 20mm to overall width of the window.

109mm projection surrounds fitted to heads and jambs

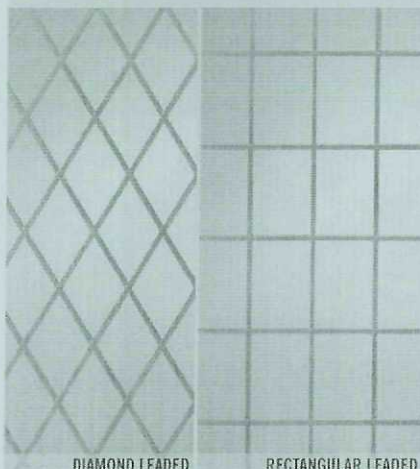
DESCRIPTION	CODE	PRICE
Softwood	SCOM109	£130.00
Hardwood	HCOM109	£260.00

109mm projection surrounds fitted to jambs

DESCRIPTION	CODE	PRICE
Softwood	SJAM109	£130.00
Hardwood	HJAM109	£260.00

Type 'D' sub cill should be specified with the 109mm surround option.

When surrounds are specified the window width increases by 20mm. Therefore consideration must be given to brickwork opening sizes and cavity closers.



Explaining Design 24 codes

Design 24 window codes are compiled from a mixture of letters and numbers. Numbers are used to code standard width modules and heights. Letters are used to describe various design features.

Metric windows

WINDOW TYPES	LIGHT WIDTHS			HEIGHTS		DESIGN FEATURES
	LIGHTS	STANDARD	NARROW			
H = Horizontal glazing bar				04	450mm	A = Top hung sash
N = Narrow module	1	626mm	483mm	06	600mm	C = Side hung sash or casement
G = Georgian bar	2	1200mm	913mm	07	750mm	V = Single light vent or fan light
C = Cottage side hung	3	1774mm	1343mm	09	900mm	W = Vent greater than 600mm wide
V = London	4	2348mm	1774mm	10	1050mm	T = Transom
VB = London bar				12	1200mm	D = Fanlight for half the depth of a window or divided sash
S = Swept head				13	1350mm	F = Fixed light
E = Escape window				15	1500mm	E = Equally divided
P = Grampian bar				16	1650mm	M = Centre mullion
HH = Double horizontal bar						S = Sublight
K = Secured by design						X = Through transom

For example: H312CC
= Horizontal glazing bar;
3 lights; 1200mm high;
side hung casement.

Imperial windows

WINDOW TYPES	LIGHT WIDTHS			HEIGHTS		DESIGN FEATURES
	LIGHTS	METRIC	IMPERIAL			
Non-bar vent				26	768mm	2'6 1/4"
Non-bar side hung	1	438mm	1'5 1/4"	30	921mm	3' 1/4"
Top hung		634mm	2'1"	36	1073mm	3'6 1/4"
Georgian	2	921mm	3' 1/4"	40	1226mm	4' 1/4"
Fixed light	3	1530mm	5' 1/4"	46	1378mm	4'6 1/4"
	4	2395mm	7'10 1/4"			

For example: 336WV
= 3 lights; 1073mm high;
single light sash and wide vent.

How to order

OPTION AVAILABILITY*

DESIGN 24 SECURE

MATERIAL	S/W FFG	S/W FFG
Clear Engineered Softwood Timber (Available as option on glazed windows only)	Y + 10%	Y + 7%
ALTERNATIVE IRONMONGERY per fitting		
Black/Brown/Gold Effect/White	Y + 0%	Y + 0%
Polished Brass Effect/Satin Chrome Effect	Y + £9.00	Y + £9.00
LOCKABLE STAYS per fitting		
Black/Brown/Gold Effect/White	Y + £5.00	N
Polished Brass Effect/Satin Chrome Effect	Y + £15.00	N
ADDITIONAL FASTENERS per fitting		
Black/Brown/Gold Effect/White	Y + £10.00	N
Polished Brass Effect/Satin Chrome Effect	Y + £18.00	N
LOCKING SYSTEM per lock		
Espagnolette Locking System	Y + £51.50	S
HINGES per hinge		
Safety Restrictor Hinge	Y + £28.00	Y + £28.00
Reflex Egress Hinge	Y + £50.00	Y + £50.00
Restricted Reflex Egress Hinge	Y + £50.00	Y + £50.00
Reflex Hinge	Y + £17.00	S
FFG LOW 'E' FACTORY FITTED GLASS		
Clear or Obscure Annealed	Y + FFG LowE	S
Clear or Obscure Toughened	Y + 38%	Y + POA
Clear or Obscure Laminated Annealed	Y + POA	Y + 13%
Clear or Obscure Laminated Toughened	Y + POA	Y + 23%
Diamond or Rectangular Leaded Annealed	Y + 83%	Y + POA
Diamond or Rectangular Leaded Toughened	Y + 133%	Y + POA
DECORATIVE SWEEP HEAD		
Available where indicated with DSF symbol	Y + POA	Y + POA
ALTERNATIVE WEATHERSTRIP		
Weatherstrip supplied in White	Y + 0%	Y + 0%
VENTILATORS		
Fit Alternative Vent Colour - Brown/White	Y + 0%	Y + 0%
Supply Windows without Ventilator Slotting	Y + 0%	Y + 0%
FITTED ALTERNATIVE CILL		
Cill Fillet S/W	Y + 0%	Y + 0%
'B' Sub Cill S/W	Y + 0%	Y + 0%
'A/C' Sub Cill S/W	Y + £10.00	Y + £10.00
Cill Fillet/B/A/C/R' Sub Cill H/W	Y + £18.00	Y + £18.00
'D' Sub Cill H/W	Y + £30.00	Y + £30.00
FITTED PROJECTION SURROUNDS		
48mm Surrounds to Jambes and/or Head S/W	Y + £110.00	Y + £110.00
48mm Surrounds to Jambes and/or Head H/W	Y + £230.00	Y + £230.00
100mm Surrounds to Jambes and/or Head S/W	Y + £110.00	Y + £110.00
100mm Surrounds to Jambes and/or Head H/W	Y + £230.00	Y + £230.00
FACTORY PRIMING		
Single Coat Primer	Y + 0%	Y + 0%
FACTORY FINISHING		
Paint or Stain	Y + POA	Y + POA

KEY

S/W	Softwood
H/W	Hardwood
FFG	Factory fitted glazing
FOC	Free of charge
POA	Price on application
Y	Option is available with additional cost stated
S	Supplied as standard
N	Option not available
*	Subject to technical feasibility, please confirm at time of ordering

Optional ironmongery

Alternative ironmongery (per fitting)

DESCRIPTION	CODE	PRICE
Black	IK	FOC
Brown	IB	FOC
Gold effect	IG	FOC
White	IW	FOC
Polished brass effect	IP	£9.00
Satin chrome effect	IC	£9.00

Price per fitting is shown with each window range where available. Two fasteners are fitted in side hung sashes 1200mm high and above.

Casement stay, peg, rest and fastener are manufactured from Mazak die cast metal. Fastener keep and stay clip are manufactured from reinforced nylon, and supplied in black for chrome effect ironmongery.

Lockable stays (per stay)

DESCRIPTION	CODE	PRICE
Black	IKLS	£5.00
Brown	IBLS	£5.00
Gold effect	IGLS	£5.00
White	IWLS	£5.00
Polished brass effect	IPLS	£15.00
Satin chrome effect	ICLS	£15.00

Not required for reflex hinges.

Additional fasteners (each)

DESCRIPTION	CODE	PRICE
Black	IK2	£10.00
Brown	IB2	£10.00
Gold effect	IG2	£10.00
White	IW2	£10.00
Polished brass effect	IP2	£18.00
Satin chrome effect	IC2	£18.00

Price shown is to fit an additional fastener to side hung sashes up to 1050mm high. Two fasteners are fitted as standard to windows 1200mm high and above.

Fitted espagnolette locking system

DESCRIPTION	CODE	PRICE
Multi-point shoot bolt	ESP	£55.00

For use with side hung sash only. Supplied with centrally located handle in either brown, gold effect, satin brass effect or white. Supplied as standard on Design 24 Secure.

Fitted hinges

DESCRIPTION	CODE	PRICE
Safety restrictor hinge ¹	HS	£28.00
Reflex egress hinge ²	DREG	£50.00
Restricted reflex egress hinge ²	SREG	£50.00
Reflex hinge ³	HR	£17.00

¹ For use with side hung sash only.

² For use with side hung sash only. For relevant window types to meet the requirements of Building Regulation Part B.

³ Per opening sash. Not available on sashes 1500mm high.

Miscellaneous

DESCRIPTION	BROWN CODE	WHITE CODE	PRICE
Fit alternative ventilator colour	VB	VW	FOC

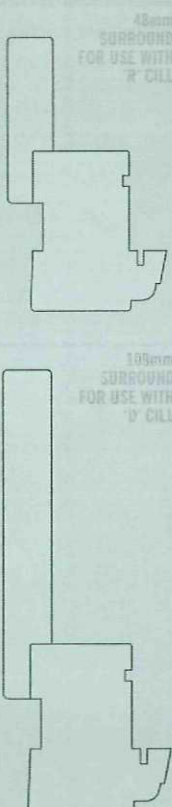
White ventilators are fitted as standard on softwood Design 24 Metric, brown on hardwood.

DESCRIPTION	CODE	PRICE
Fitted decorative swept head	DSF	POA
Without ventilator slotting	SOL1	FOC

For use in situations where ventilation requirements for Building Regulations are met by other means.

DESCRIPTION	CODE	PRICE
White weatherstrip	WWS	FOC

Brown weatherstrip is fitted as standard.



Design 24 specifications

Think of a window packed with standard and optional features...

Vacuum preservative treated

This treatment enables Premdor to offer a 30 year guarantee against rot and fungal decay.

Rounded arises (corners)

By rounding all arises the finishing coats, when applied in accordance with manufacturer's instructions, give an even coverage over the whole product.

Construction

Windows are constructed with combed joints for rigidity. Two piece head and two piece cill sections and without horns. This means that Design 24 windows keep their shape, strength and performance qualities. Softwood windows are manufactured from 100% European Redwood. Hardwood windows are Shorea species treated with 'Meranti' base coat.

All softwood and hardwood used in the manufacture of Design 24 windows conforms to BSEN942: 1996 for classification of timber as follows:

- Class J10 for beads.
- Class J40 for sashes.
- Class J50 for frames.

Windows are manufactured in general accordance with BS644: Part 1: 2003 for construction specification.

Materials and environmental accreditation

All softwood timber materials used are environmentally accredited 100% European Redwood. Manufacturing takes place in a factory with environmental Chain Of Custody certificate SA-COC-1483. Alternatively, hardwood timber is available.

Multi-point shoot bolt system

Espagnolette locking system provides protection against attack on the casement, and locates into keep assembly at top and bottom of frame. Windows fitted with espagnolette bolts will require an espagnolette handle, contact sales office for details.

Primer/stain

Softwood windows are supplied 'honey' stain primed to provide an ideal surface for on site finishing. Hardwood windows are treated with a 'Meranti' base stain. Optionally, factory cream priming is available.

Cills

To meet the 'Robust Planning' requirements of the Building Regulation Part L the 'R' sub cill is supplied as standard (90mm projection = 157mm overall).

A choice of six other cills is available:

Stub cill	18mm projection = 85mm overall.
'B' sub cill	36mm projection = 101mm overall.
'A' sub cill	63mm projection = 130mm overall.
'C' sub cill	77mm projection = 144mm overall.
'D' sub cill	113mm projection = 180mm overall (hardwood only).

When using Premdor's Cavity Closer System the appropriate cill should be requested dependant on building method, see pages 92-93 for more information.

Sashes

All sashes are manufactured with a 15mm x 42mm wide glazing rebate.

Weatherstrip

Brown weatherstrip is fitted as standard on Design 24 windows around the frame to create a watertight seal. Optionally, white weatherstrip is available.

Performance

Windows are tested for weather tightness and meet the requirements of BS6375: Part 1: 2004 for severe weather rating.

Ventilation

Design 24 Metric windows are supplied with ventilators to provide either 4150mm EA (Equivalent Area) ventilation (438mm and 626mm wide) or 8300mm EA (913mm wide and above).

Design 24 Imperial windows are supplied with ventilators to provide either 4150mm EA (Equivalent Area) ventilation (438mm and 634mm wide) or 8300mm EA (921mm wide and above).

This assists compliance with Part F of the Building Regulations. Ventilators as standard are white on softwood and brown on hardwood windows and are easily removed for painting if required.

Factory glazing

Premdor offer a 10 year guarantee on externally beaded factory glazed units. See page 89 for details of our glazing policy in relation to British Standards and Building Regulations.

Low 'E' glass is supplied as standard when factory glazing is specified. Alternatively, non Low 'E' glass is available on request.

Design 24 Secure windows are factory glazed with annealed Low 'E' glass as standard.

Sealed double glazed units fitted with annealed glass conform to BS952: Part 1: 1995 and BSEN1279-2. Units supplied with safety glass conform to BS952: Part 1: 1995. Units supplied with safety glass conform to BS952: Part 1: 1995 and BS6206: Class A: 1994 or BSEN12600.

24mm double glazing

Design 24 windows have a glazing rebate 15mm deep and 42mm wide which meets NHBC regulations and allows for 24mm double glazing (4-16-4). The windows are therefore able to assist meeting Building Regulation Part L.

Thermal efficiency

'U' values quoted are for guidance only, due to the complexity of window configurations and variations on glass unit performance. Specific 'U' values are available on request. Values can be enhanced from those stated with improved glass unit specification.

Glazing beads

13mm x 15mm glazing beads are provided as standard to top and side with Design 24 windows, loosely pinned into position. Bottom beads allow for site glazing as a drained and vented system.

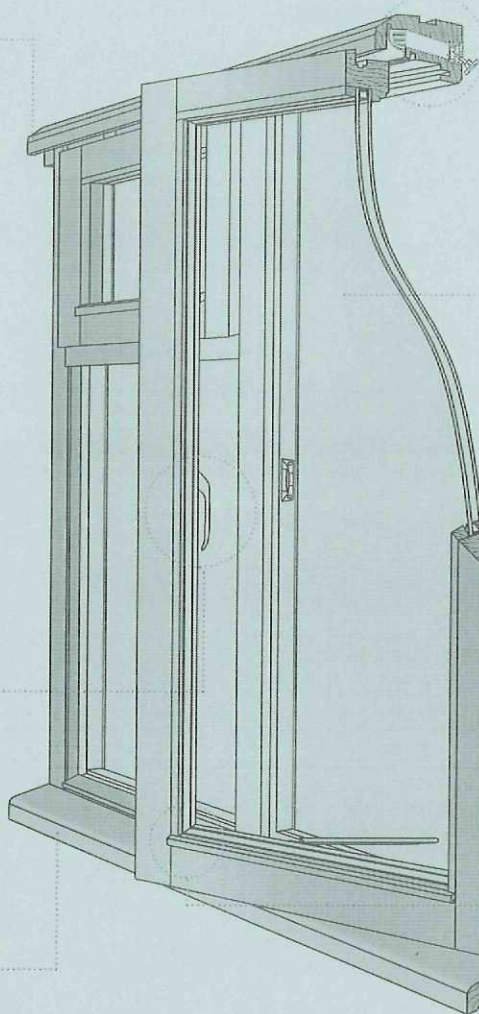
Drained and vented glazing

In order to ensure glazing units are installed correctly to meet the requirements of the 10 year guarantee, drained and vented bottom beads are supplied as standard, complete with nylon spacers fitted.

Hinges

Stormproof butt hinges are supplied as standard, optionally reflex hinges are offered.

Reflex hinges fitted as standard with friction hinges on top sashes and fanlights. Other hinge types are optionally available. Hinge locks are fitted for additional security protection.



Anti-lift blocks

Located at the top and bottom of the frame to help prevent against forced attack.

Glazing bar construction

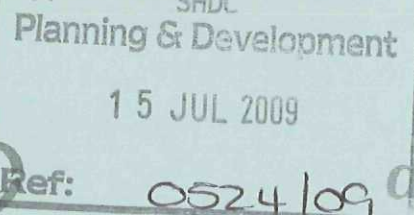
Please note that Design 24 window designs which feature glazing bars are supplied as follows:

- Unglazed window frames are supplied as standard with timber glazing bars.

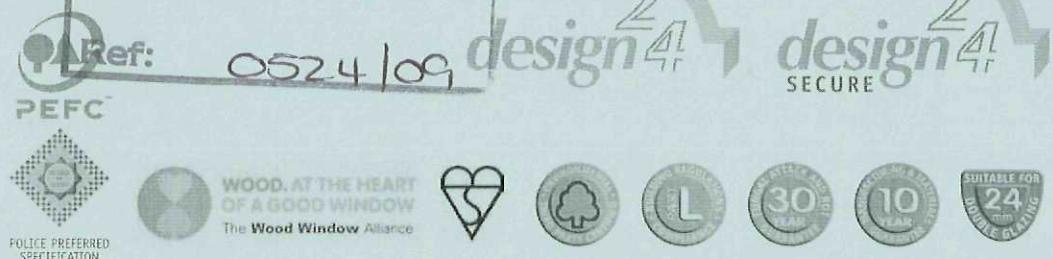
Factory glazed (FFG) windows are supplied with either:

- Bonded bars (BBAR) which are face fitted to the glazing unit, incorporating integral spacer bars within the glazing unit, or;
- Timber glazing bar construction (TBAR).

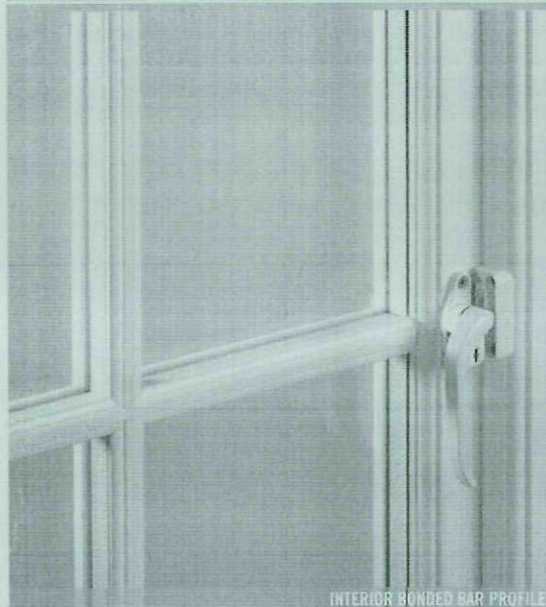
See page 89 for more details.



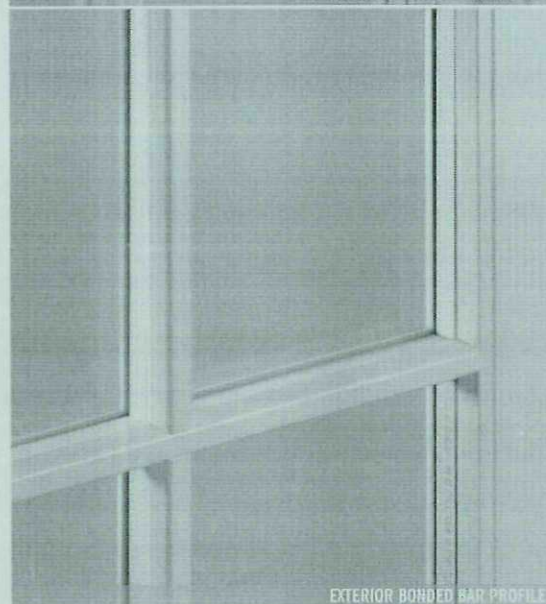
...Think Design 24!



Design 24 glazing information



INTERIOR BONDED BAR PROFILE



EXTERIOR BONDED BAR PROFILE

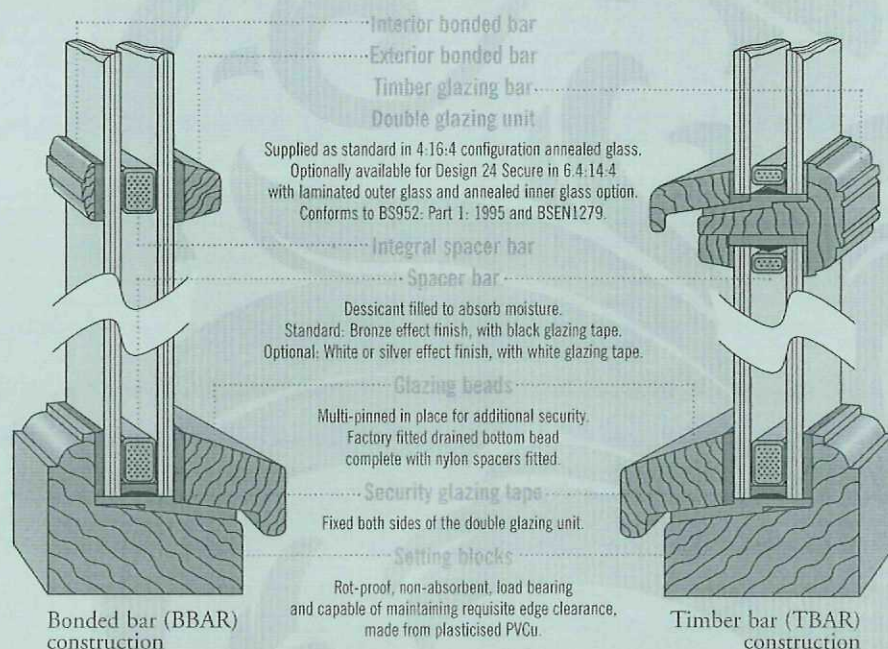
Glazing bar construction

Factory glazed windows are supplied with either:

- Timber glazing bar construction (TBAR), or
- Bonded bars (BBAR) which are face fitted to the glazing unit, incorporating integral spacer bars within the glazing unit.

Please note that window designs which feature glazing bars are manufactured as follows:

- Unglazed window frames are supplied with full rebated section timber glazing bars as standard, (-TBAR specification).



Important glazing advisory notice

Unless otherwise advised Design 24 windows, when factory double glazed, are supplied with annealed glass. Feature/entrance frames will continue to comply with safety regulations for glazing into risk areas as defined in BSEN12150.

It is the buyer's responsibility to inform Premdor whether the windows being ordered are categorised as being in critical location as defined in Approved Document N1 (see diagram below - shaded areas show critical locations to which requirement N1 applies). Your attention is drawn to the revised Building Regulations 1991 Approved Document N1 for glazing in critical locations.

Low 'E' and laminated glass options

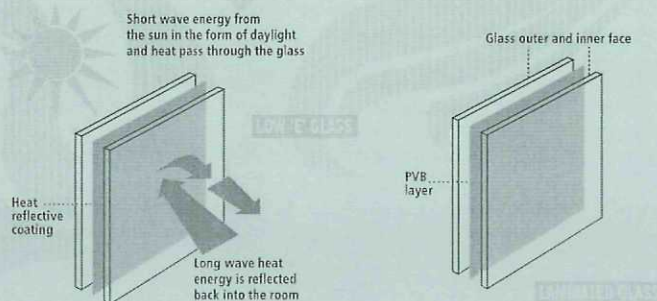
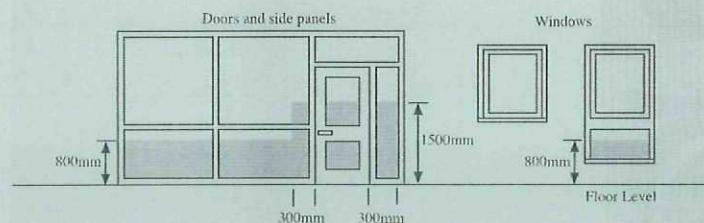
Low 'E' glass enhances the heat retention performance of the glazed unit by reflecting the heat back into the dwelling. Heat reflective coating is applied to the outer face of the inner pane.

As a result, the nominal 'U' value is $\text{w/m}^2\text{k}$ of an ordinary 4:16:4 double glazed unit is reduced from 2.7 to 1.5 $\text{w/m}^2\text{k}$ using soft coat Low 'E'. The lower the value the higher the insulation.

For added security laminated glass (in 6.4:14:4 format) offers a solution for vulnerable windows.

Double glazed units can be supplied with one or both faces laminated. In the event of both being laminated, the spacer bar width is reduced accordingly.

Any combinations of Low 'E', laminated, toughened glass can be supplied as an option on the Design 24 range in either clear or obscure.



Terrace entrance doorsets: Brittany 24

BRITTANY 24 GEORGIAN TERRACE ENTRANCE DOORSET



Doorset height

The finished frame height 2093mm.

Handing

Brittany 24 Terrace Entrance doorsets open out left hand first, when viewed externally.

Accessories

For ironmongery options and accessories, please see page 82 for more information.

Glazing

All doors are supplied glazed with 24mm Low 'E' glass toughened to BS6206 or BSEN12600 and marked as such.

Glazing bars on Terrace Entrance doorsets are plant on glazing bar design with integral spacer bars within 24mm glazing units.

Weather protection

To ensure door and door frame provide adequate performance in exposed situations, it is recommended that a porch or canopy is installed.

Finishing

Doorsets are ready for decoration with paint or high build stain of your choice. Softwood doorsets have hardwood cills.

Locking systems and ironmongery

Brittany 24 Terrace Entrance doorsets are supplied with a multi point locking system. Handles are satin brass or chrome effect and supplied loose for fitting on site.

Thermal efficiency

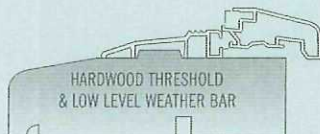
U 0.00 'U' values are indicated alongside products for guidance only. Values shown are manufacturers calculations, based on material content for 1190mm or 1490mm size door. The calculation includes 24mm glazing unit. The 'U' value indicates thermal efficiency (w/m²k). The lower the 'U' value the greater the energy saving. For further details, see Building Regulations Part L.

Building regulations

U 0.00 Part L (green icon) Suitable for most 'Part L' projects. A 'U' value of 2.00 w/m²k or better is achieved by these products.



MOBILITY (Access and Facilities for Disabled People). Building Regulations Part M / Northern Ireland Building Regulations Part R. Specifications may vary at our option.



Guarantees

Guaranteed for ten years against manufacturing defects. Terrace Entrance doorset ironmongery is guaranteed for one year against manufacturing defects.



Guarantees are subject to the products being treated in accordance with Premdor's instructions for storage, handling, installation, maintenance and use and exclude ironmongery where applicable. Failure to follow these instructions may invalidate your guarantee. This does not affect your statutory rights.

Product availability

All items shown tint flashed are normally available ex-stock.

Ordering

Door prices include glass and glazing where indicated. Unless specified doors will require on site finishing. When ordering always state the product codes. All prices exclude VAT. Specifications may vary at our option.

