

PRODUCT GUIDE 2019

PVCU • ALUMINIUM • TIMBER



The *Choices* brand

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Tel: 01273 462749



Choices

The brand that allows you to let
your imagination run wild.

Whether you are looking for the traditional or modern
appearance, in PVCU, Aluminium or Timber along with all the options
of colour, hardware and glazing, you will find it here.

Windows, Doors, Conservatories and Orangeries

The *Choices* brand

PVCU • ALUMINIUM • TIMBER

Index

<i>Flush 100 (Residence 9)</i>	4-5
<i>Flush 75 (Residence 7)</i>	6-7
<i>Residence Collection Doors</i>	8-9
<i>Flush 70</i>	10-11
<i>Legacy</i>	12-13
<i>Kömmerring System</i>	14-15
<i>Rehau Vertical Sliding Sashes</i>	16-17
<i>RunThru Horns (Kömmerring/Tritec)</i>	18-19
<i>Fully Reversible Windows</i>	20
<i>Ultion</i>	21
<i>Imagine PVCU Bi-fold</i>	22-23
<i>Imagine PVCU Doors</i>	24-25
<i>Alternative to Timber Doors</i>	26-27
<i>PremiLine Sliding Patio Doors</i>	28-29
<i>Solidor</i>	30-31
<i>Residor</i>	32-33
<i>Window Specification / Energy Ratings</i>	34
<i>Astragal Bars / Radlington Cill</i>	35
<i>Window Hardware</i>	36-37
<i>Door Specification / Hardware</i>	38-39
<i>Aluminium Windows (ALUK)</i>	40-41
<i>Aluminium Doors (ALUK)</i>	42-43
<i>Aluminium Bi-Fold BSF70 (ALUK)</i>	44-45
<i>Aluminium Bi-Fold F82 (ALUK)</i>	46-47
<i>Aluminium In-line Sliding / Lift and Slide</i> <i>Doors BSC94 (ALUK)</i>	48-49
<i>Aluminium Windows (Smart)</i>	50-51
<i>Timber Casement Windows</i>	52-53
<i>Timber Scotdoor</i>	54-55
<i>Timber Single and Double Doors</i>	56-57
<i>Timber Vertical Sliding Sash Windows</i>	58-59
<i>Alu Clad Timber</i>	60-61
<i>Conservatories</i>	62-63
<i>Orangeries and Garden Rooms</i>	64-65
<i>Ultra4</i>	66
<i>Glazing Enhancements</i>	67





Flush 100



Choices

Flush 100 'Alternative to Timber' range is specifically designed to replicate 19th century timber windows and doors. With a flush external casement design and a decorative internal finish they are ideal when replacing 100mm traditional timber windows. A choice of styling options make them suitable for period and modern properties.



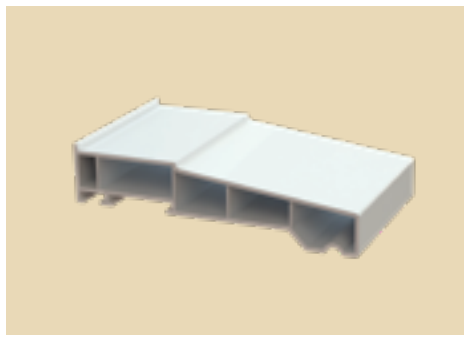
Standard - Fully mechanically jointed
Option - Welded sash (Mech outer frame)



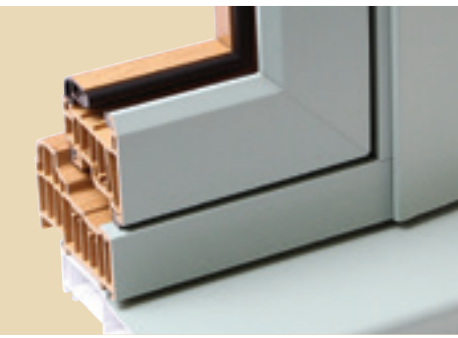
20mm Astragal and 60mm Transom bar
upgrade



Flush external finishes with equal sightline
and external transom bar upgrade



30mm upstand x 165mm Radlington cill
Fitted as standard to R9



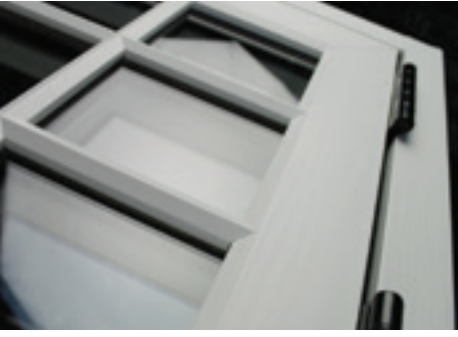
Dual foil upgrades.
Foiled through the rebate as standard



100mm outer frame for 28mm double glazing
or 44mm triple glazing



Dummy or functional stays upgrade



Dummy or functional butt hinges upgrade



55mm Radlington cill option



Flush 100

from the 'Alternative to Timber' Collection

Looks Like Timber - Feels Like Timber



Colour Options

Both sides only



Both sides or on grained white

Cotswold Biscuit (Ivory)	Clotted Cream	Cotswold Green	Painswick Grey
English Oak	Irish Oak	Silver Oak	Eclectic Grey (Textured Finish)

Dual foil

Painswick Grey	No. 10 Black	No. 10 Black
Clotted Cream	Cotswold Biscuit	Grained White
Eclectic Grey	No. 10 Black	Corse Lawn Grey
English Oak	English Oak	Grained White



Flush 75



Choices

'Flush 75' offers the same great external finish as 'Flush 100', but has been designed with a flush finish internally, ideal for replacing modern 70mm systems.



Standard - Corners welded (sash and outerframe)

Upgrade - Corners fully mech jointed



Dummy butt hinge upgrade (Functional butt hinges not available)



Flush external finishes with equal sightline

Flush 75

from the 'Alternative to Timber' Collection

Looks Like Timber - Feels Like Timber



Colour Options

NB: No dual foil option. Rebates not foiled.

Both sides only

Grained White

Both sides or on chalk white

Clotted Cream

Golden Oak

English Oak

Irish Oak

Eclectic Grey (Smooth finish)

Rosewood

On chalk white only

Cotswold Green

Painswick Grey

No. 10 Black

Corse Lawn Grey

Unfoiled matt finish both sides

No. 38 Grey (RAL 7035)

Vintage Cream (RAL 9001)

Chalk White (RAL 9016)



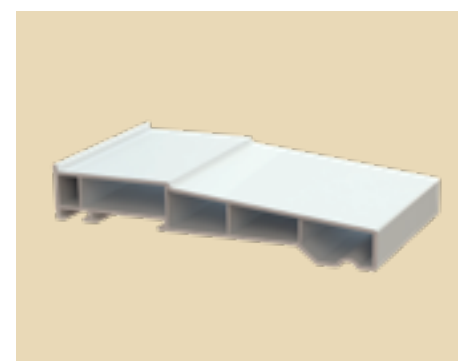
External transom bar upgrade



Flush internal/external finishes



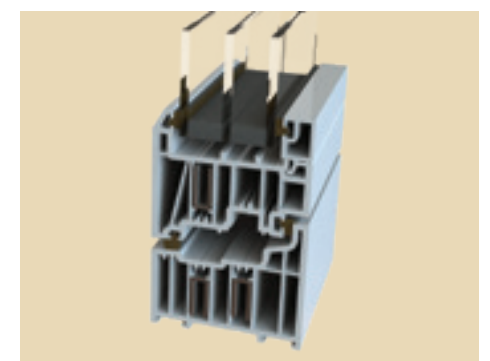
55mm Radlington cill option



30mm upstand x 165mm Radlington cill Fitted as standard to R7



20mm Astragal and 60mm Transom bar upgrade



75mm system for 28mm double glazing or 44mm for triple glazing



UPGRADE
PAS 24
DOC Q



Handles

ALL HANDLES SEE PAGE 36-37

Standard

Cranked Range

Upgrades

Elegance and Vintage Ranges

Contact 'Shaws' for more information and a Free Quote

Choices



THE
RESIDENCE
COLLECTION

Doors

Choices

The original open out single and double doors are still proving an ever popular choice with their slim sightlines that offer an exact match to Residence 9 and Residence 7 windows.

Standard R7 and R9 doors are fitted with one black lever handle and one concealed manually operated shootbolt to slave.



Upgrade to traditional Pear Drop in Black or Pewter



**COLOUR
OPTIONS
SEE PAGES
4 & 6**

Residence Collection Doors

Looks Like Timber - Feels Like Timber



2 reverse claws



Lever/Lever handles upgrade



Hinge protectors upgrade



Ultion security cylinder upgrade



Top and bottom shoot bolts to both leafs



Decorative Astragal bars upgrade



PAS 24 Compliant Upgrade





Flush 70



Choices

'Flush 70' combines modern performance with traditional flush casement design offering authenticity without compromise.

Designed with timber features in mind



Flush fitting sashes



Arris joints mimicking traditional timber joinery



Full mechanical joint upgrade
162mm sash / mullion / sash sightline



Zero sightline mullion or transom upgrade - See page 37 for full details



20mm Astragal bar upgrade

Flush 70

from the 'Alternative to Timber' Collection

Looks Like Timber - Feels Like Timber

Specification:

- ✓ 70mm Halo Rustique sculptured welded outer frame
- ✓ Flush fitted welded sashes
- ✓ Mechanically jointed transoms and mullions with arris detail as standard
- ✓ Equal sightlines with Dummy Sashes
- ✓ 5 chambered outerframe
- ✓ Available "A" Rated
- ✓ Full single and double door range available



Handles

Standard



Inline Range



Elegance and Vintage Ranges

Upgrades



Dummy Stays

ALL HANDLES
SEE PAGE
36-37

Colour Options

Both sides or on smooth white						Both sides only (on a white base)		On smooth white only			
Golden Oak	Rosewood*	Black/Brown	Cream	Irish Oak	Anthracite Grey (Grained)	White Ash	*Silver Grey RAL 7001	Chartwell Green	Painswick Grey	*Anthracite Grey (Textured)	*Slate Grey RAL 7015

*Halo / Veka Rosewood & Black/Brown foils do not match the Rosewood & Black/Brown foils of the other profiles

*Extended lead times and other special colour combinations available upon request



Legacy

Choices

The 70mm LEGACY Storm Casement windows offer the best of both worlds – Look and feel like timber and have all the benefits of modern technology. Legacy 'Alternative to Timber' windows offer the ideal solution when windows need replacing.

Legacy

from the 'Alternative to Timber' Collection

Looks Like Timber - Feels Like Timber

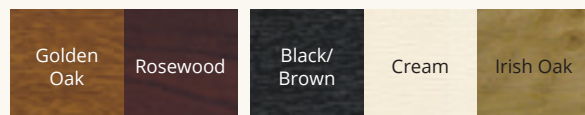


Legacy Features:

- ✓ Kömmerling O70 fully sculptured outer frame, ensuring a close match to a traditional timber window
- ✓ Kömmerling C70 "slim line" sash
- ✓ All transoms & mullions are mechanically jointed with arris detail giving the appearance of timber joints
- ✓ Equal sightlines
- ✓ 5 chambered lead free profile
- ✓ Traditional furniture options
- ✓ 'A' Energy Rated

Colour Options

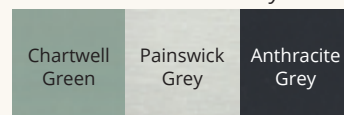
Both sides or on smooth white



Both sides only



On smooth white only



Special colour combinations available upon request and extended lead times

Designed with timber features in mind



Putty line external chamber finish with 154mm slim sash / mullion / sash sightline



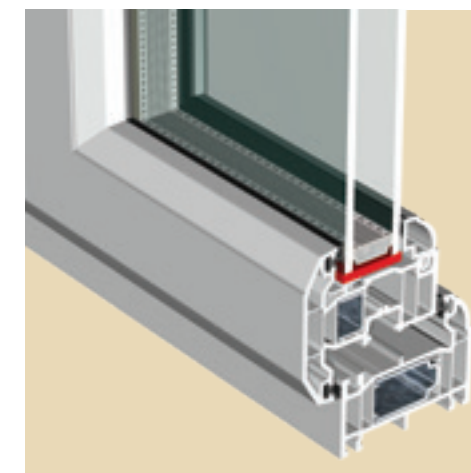
Arris joints mimicking traditional timber joinery



C70 slim sash with Astragal bar upgrade



Mechanical jointed transoms and mullions



70mm frame for double or triple glazing



Available 'A' Energy Rated

Handles

Standard



Inline Range

Upgrade



Elegance and Vintage Ranges

ALL
HANDLES
SEE PAGE
36-37

Kömmerring

70mm Window and Door Systems



Standard Foils

Both sides or on smooth white

Rosewood	Black/Brown	Cream
Golden Oak	Mahogany C70 only	Irish Oak

Both sides

White Ash	Anthracite Grey (C70 only)
Smooth Solid Ivory (Non foiled C70 only)	

On smooth white

Anthracite Grey (C70 or O70)	Chartwell Green	Textured Slate Grey (C70 only)	Painswick Grey Legacy Windows and Doors only
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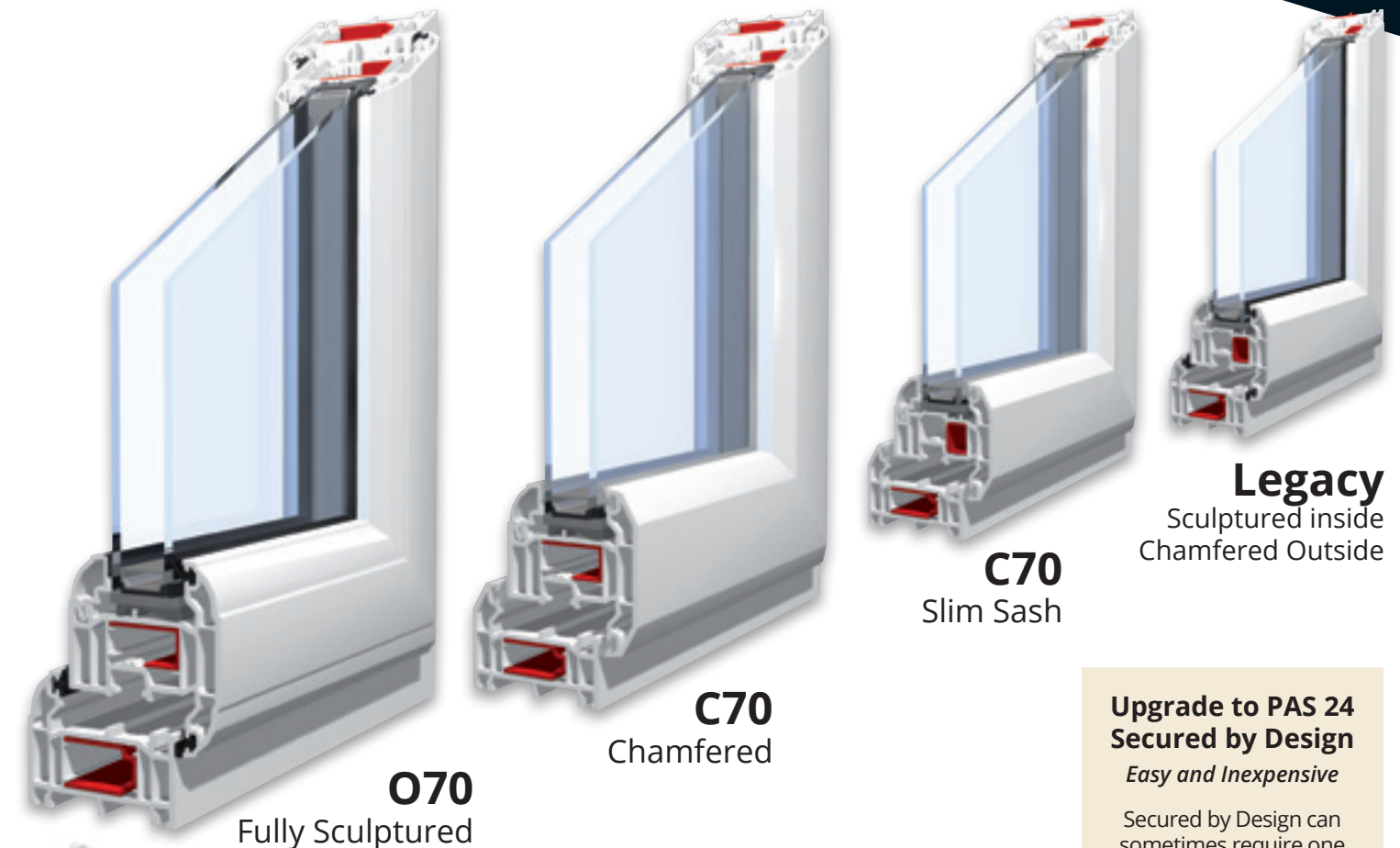


Contact your 'Choices' Installer for details on non standard colour options

Choices

The UK's largest supplier

Kömmerring O70 and C70 versatile product range available in a wide range of colours, gasket and Astragal bar options double or triple glazed.



Gasket Colour Options for non foiled White

- O70 - Standard Option - black gasket/black Swisspacer
- O70 - Standard Option - silver gasket/white Swisspacer
- C70 - Standard Option - silver gasket/white Swisspacer
- C70 - Standard Option - black gasket/black Swisspacer

All foils have black gasket and either black (default) or white Swisspacer

Triple Glazing Upgrade

All 70mm Kömmerring windows available with 36mm or 40mm triple glazing upgrade



Upgrade to PAS 24 Secured by Design

Easy and Inexpensive

Secured by Design can sometimes require one laminate skin on the glazed unit. This decision is made by the client and the police advisor.

Secured by Design



Police Preferred Specification

Meets the requirements of Document Q



Three Astragal Bar Options



20mm



25mm



50mm



Heritage Vertical Sliding Sash Windows



Specification:

- ✓ Smooth white 137mm front to back profile
- ✓ Welded sashes
- ✓ 'A' Energy Rated
- ✓ 24mm Softcoat float glass sealed units
- ✓ Black Swisspacer - Argon filled
- ✓ Internally sculptured beads
- ✓ Deep 'authentic' bottom rail - mechanically jointed
- ✓ Pre-tensioned maintenance free balances
- ✓ Sashes tilt inwards for cleaning
- ✓ Single cam lock on windows up to 800mm wide
- ✓ Double cam locks on windows 801 or over
- ✓ Lowline glazing - silver grey gaskets
- ✓ Slim 42mm sash to top sash
- ✓ 54mm midrail sight lines
- ✓ Equal glass height as standard
- ✓ Virtually maintenance free
- ✓ Optional 225mm integrated cill (76mm projection)

Choices

The outstanding Heritage Vertical Sliding Sash Window is designed with timber in mind. Exceptional performance, utilising modern technology they offer traditional styling whilst maintaining authentic looks.



Lockable Latch



Tilt Button



Decorative Sash Horns (Optional)



Shark Fin Limit Stop (Optional)



Tilt Restrictors (Optional)



Integrated Cill (Flush or Projecting)



Premium Cam Catch (Optional)

Available in White, Gold, Chrome and Satin



Gold



Satin



Chrome



White

Optional Dummy Mullion

54mm
IMPROVED
SIGHTLINES
Per Mullion



ONE frame with dummy mullions.
Only the centre sashes slides

Timber replica upgrades



Mechanically Jointed



RunThru Sash Horns

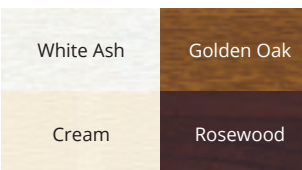


Astragal Bars

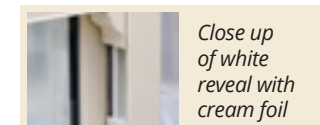
AVAILABLE TO
PAS 24
STANDARD

Colour Options

Smooth White



Both sides only



Close up
of white
reveal with
cream foil

Contact 'Shaws' for more information and a Free Quote

Choices

RunThru Horns

Choose from three functional options in Rehau or Kömmerling, including designs that meet the requirements of Part B of Building Regulations for fire escape.



OPTION 1

RunThru Horn top hung over fixed pane

Top hung windows with horns, create an attractive alternative to the traditional vertical sliding window.

Whilst this is the slimmest and most cost effective RunThru horn option, it does not meet the requirements of Part B of Building Regulations. In this instance Option 2 or 3 should be considered.



OPTION 2

RunThru Horn over Tilt and Turn inwards opening window

The Upper Sash - The top hung casement provides a convenient and ready source of ventilation. It can also be locked in a night ventilation position.

The Lower Sash - The lower sash is a Tilt and Turn window and as such can be tilted inwards for ventilation. It can also be turned 90° inwards for cleaning. Dependent upon size and position it can be used for emergency escape when the opening size must meet the demands of Part B of Building Regulations.



ESCAPE

OPTION 3

The full Tilt and Turn with Dummy Sash and RunThru horns

A window designed specifically for a home owner who requires the top opener over a fixed pane style, but has to consider Part B of Building Regulations.

To match a top hung over fixed pane style window, a full Tilt & Turn sash is fitted with a fixed dummy sash with RunThru horns. The result is a fully opening window that has ventilation under normal circumstances and the escape facility if the worst should happen.

Tilt and Turn width/height ratio = Width should not exceed 1.5 times height

Choices

RunThru windows create a practical alternative to the traditional vertical sliding window.

RunThru horn windows are available in a range of styles and in particular, can provide egress solutions where required.

RunThru horns in Rehau Tritec

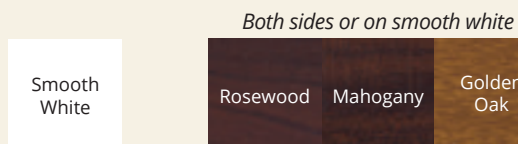
Rehau Tritec 60mm system available with slimline 70mm sculptured outer edge sash for improved sightlines.

Standard Specification:

- ✓ 60mm frame depth
- ✓ Internally beaded
- ✓ Locking handle operates shootbolt locking to casement openers
- ✓ Locking handle operates concealed gearing to Tilt and Turn openers (only turns to 90°)
- ✓ Casement sash 70mm sculptured to outer edge
- ✓ Tilt and Turn sash 72mm
- ✓ Low level grey gaskets



**70mm
SLIM
SIGHTLINE
SASH**



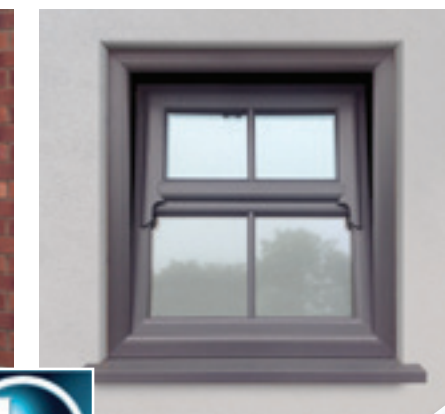
RunThru horns in Kömmerling O70 and C70

Standard Specification:

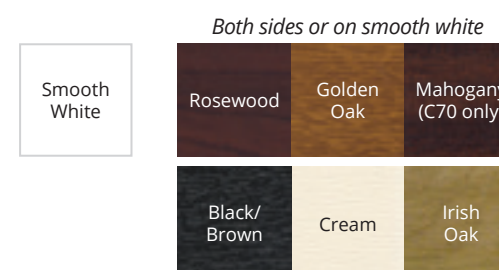
- ✓ 70mm frame depth
- ✓ 'A' Energy Rated
- ✓ Available triple glazed
- ✓ 5 chambered for enhanced thermal performance
- ✓ Wide range of foils
- ✓ High security multi-point locking
- ✓ Multipoint locking to casement openers
- ✓ Internally beaded
- ✓ Casement sash 76mm wide
- ✓ Lead-free PVCU profiles that are better for the environment



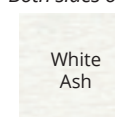
Full tilt and turn escape window (O70 only)



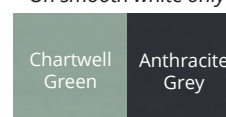
**A
ENERGY
RATED**



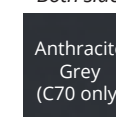
Both sides only



On smooth white only



Both sides



Matching foiled end caps (O70 only)

RunThru Horns

Fully Reversible Windows

Choices

A versatile, attractive window made from Rehau 70mm profile, ideal for high rise situations.

The windows fully reverse so that the outside can be cleaned from the inside and provide safe ventilation by way of integrated restrictors giving three 'stop' positions.



Standard Specification

- ✓ 70mm Rehau
- ✓ 28mm float Low E argon filled with warm edge spacer
- ✓ Internally glazed with sculptured or bevelled beads with black gasket
- ✓ External sections have 50° bevel
- ✓ Flush fitting – flat sash into flat profile
- ✓ Swings through 315°
- ✓ Three 'button release' stop positions
- ✓ PN UNI reversible hinge system
- ✓ Secure locking with the MACO RAIL converging roller system
- ✓ Choice of colours
 - mahogany, rosewood and anthracite grey
 - many other colours available with extended lead times
- ✓ Can be used in side hung configuration
- ✓ Combinations of top swings and fixed panels available
- ✓ PAS 24 Compliant



Minimum Width : 600mm
Minimum Height : 623mm
Maximum Width : 1400mm
Maximum Height : 1400mm

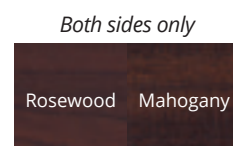


Special Colours Available
 Extended lead time

Window U Values*

with standard reinforcement 1.43
 with full reinforcement 1.47

*Based on 1.2 centre pane glass, improved
 'U' Values can be achieved with Triple Glazing




Colour Options

Both sides only

On White

PAS024, 3 star, diamond secured
 available on all 'Choices' doors

ULTION 
 Every body approves



Approved by
 locksmiths

Few locks survive the test designed with the Master Locksmith Association and carried out by locksmiths.



Approved by
 the Police

The official UK Police flagship initiative combining the principles of 'designing out crime' with physical security.



Approved by
 British Standards

Kitemark is the standard of excellence recognised around the world. Ultion is accredited with the highest 3 star rating.

When the Ultion lock detects an attack, it goes into

Lock Down Mode™

A hidden attack lock secures the mechanism

Double
 Anti-Snap protection
 The intruder needs to snap Ultion twice before he sees the core.

2
 Attack locks
 Lock still works from inside after an attack



11
 Pins
 Twice as many as normal locks.

20
 Drill Defences

25%

Denser than iron
 The molybdenum core that houses the attack pins.

Did you
 know?

464000
 homes are burgled a year.

900
 homes are broken into through the door on average per day.

85%
 of lock break-ins are by snapping.

58%
 of burglaries happen whilst you're home.

28%
 see the intruder in the home.



Contact 'Shaws' for more information and a Free Quote

Choices



PVCU Bi-fold

imagine



Choices

The 'Imagine' PVCU Bi-fold door combines the rigidity of aluminium and the aesthetics of timber with flush fitting sashes.

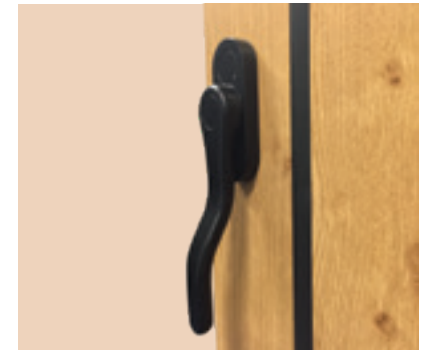
Its attention to detail in design, security and thermal performance all combine to make it a truly innovative way to transform any room.

Standard Specification

- ✓ Available opening inwards or outwards
- ✓ 6 chambered stepped 70mm outer frame
- ✓ 5 chambered 80mm sightline sash
- ✓ 28mm Planitherm toughened sealed units with Argon gas and black warm edge spacer
- ✓ Sculptured beads with black gaskets
- ✓ Hinges and D handle supplied in black (white available)
- ✓ Magnets when required will match hinge colour
- ✓ Fully welded outer frame (mechanical jointed option available)



Cranked lever/lever handle available in White, Black, Gold and Chrome



Internal Intermediate handle available in White, Black, Gold and Chrome

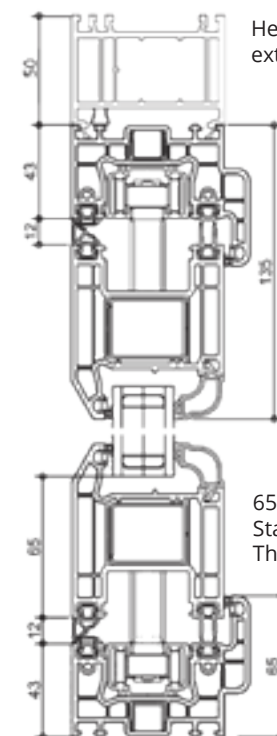


Hidden track



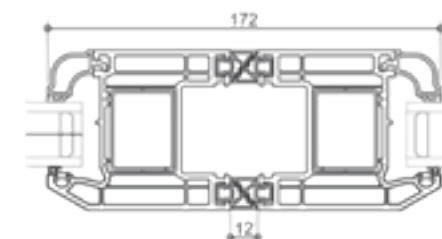
Fully adjustable hinges available in White or Black

A firm load bearing lintel is required to ensure a solid fixing to the head.



Head detail showing optional 50mm extender (suitable for trickle vents)

Threshold and Trickle Vent Options



Glass to glass sightline of 172mm on all leaves

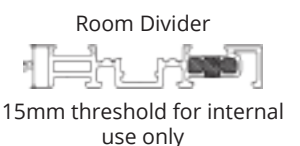


30mm low threshold**



Optional ramp for 30mm low threshold

** If used externally draft proofing and weather performance will be reduced



Room Divider
15mm threshold for internal use only

Min/Max frame heights

Std frame 1810/2450mm
Std frame / Low Ali threshold 1797/2437mm
Std frame / Room divider 1782/2422mm

Minimum frame widths

Bi-fold - Sash only 600mm
Single Door - Sash with frame 710mm
Double Door - Sashes with frame 1200mm

PVCU Bi-fold

Features and Benefits

- ✓ Clean Contemporary look with slim sight-lines
- ✓ Outstanding thermal performance
- ✓ Available triple glazed
- ✓ Overall door 'U' value 1.35 double glazed
- ✓ Overall door 'U' value 0.99 triple glazed
- ✓ Fully adjustable slimline hinges
- ✓ Hidden track
- ✓ Choice of foil options
- ✓ Suited furniture
- ✓ Cranked lever/lever handle to allow tight stacking
- ✓ Premium quality magnets
- ✓ Available in 16 different opening configurations
- ✓ DDA compliant where required
- ✓ Fully welded or mechanical outer frame and sashes
- ✓ Pas 24 and Secure by Design achievable (Must have standard cranked handle)
- ✓ ERA 5 star guarantee
- ✓ Choice of 3 threshold options
- ✓ 20mm Astragal Bar option
- ✓ Midrail option available



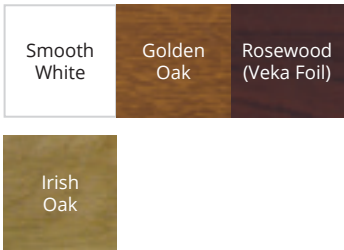
Designed to meet the security requirements of British standards PAS 24 and Secured by Design



Imagine Bi-folding, Single and Double Doors

Colour Options

Both sides or on smooth white



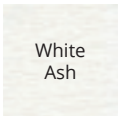
Both sides or on smooth white
Supplied on White base substrate



On smooth white only



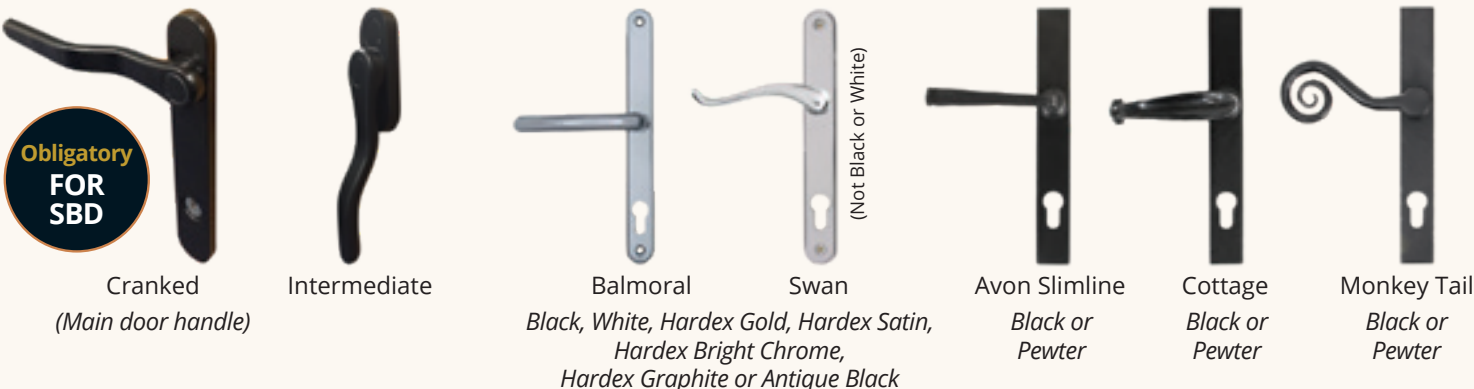
Both sides only



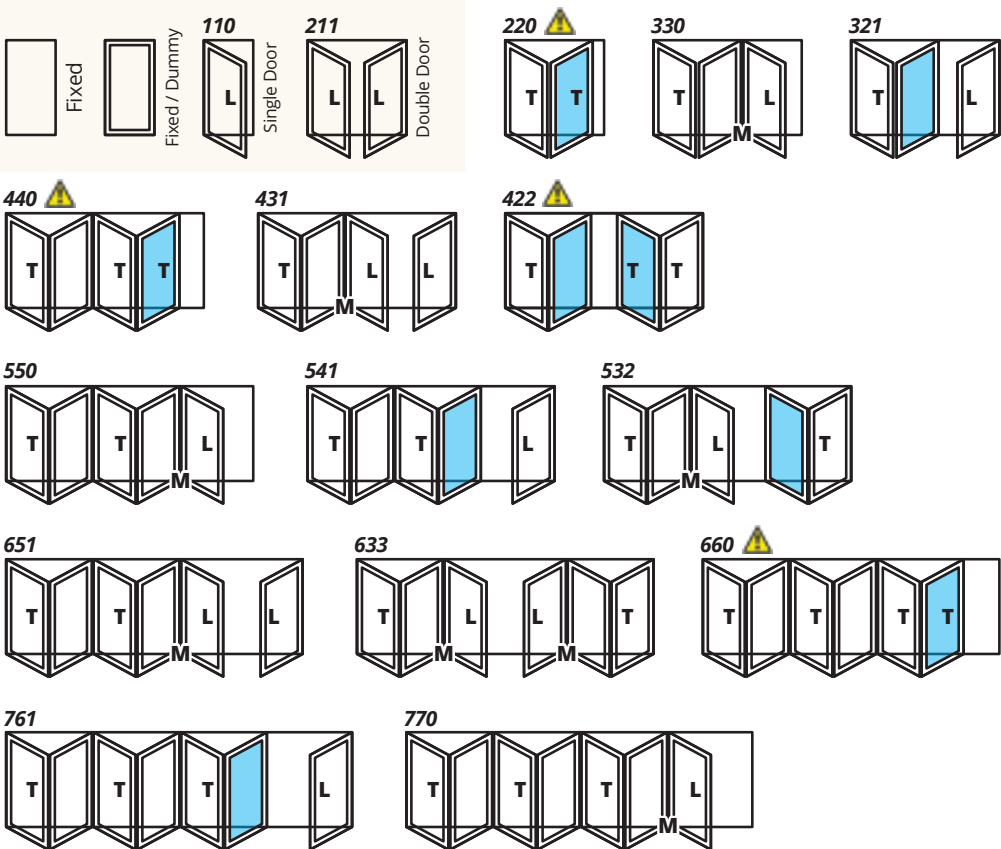
Handles

Standard Bi-fold Handles
(Black, White, Gold, Chrome)

Handle Range for Imagine Single and Double doors



Imagine Door Configurations



Key:

⚠ These doors do not have a single prime door. Two leaves need to be operated together - No external handle available

▢ Sashes are manufactured 60mm wider than adjoining sashes to allow them to operate correctly

L Indicates cranked lever/lever handle with euro cylinder

T Indicates internal intermediate handle

M Indicates magnet

Min/Max frame heights

Std frame 1810/2450mm
Std frame / Low Ali threshold 1797/2437mm
Std frame / Room divider 1782/2422mm

Minimum frame widths

Bi-fold - Sash only 600mm
Single Door - Sash with frame 710mm
Double Door - Sashes with frame 1200mm

Choices

'Imagine' single or double doors are the ideal complement to any flush fitting window due to their flush fitting sashes.

To achieve the flush external match, the doors must open out. The double doors have no floating mullion and so offer slimmer sightlines.

Specification:

- ✓ Available as open in or open out
- ✓ No floating mullion on French doors
- ✓ Fully adjustable slimline hinges
- ✓ Slim sightlines
- ✓ Equal sightlines
- ✓ Supplied with White or Black standard Lever/Lever handles
- ✓ 28mm Planitherm toughened sealed units with Argon gas and black warm edge spacer
- ✓ Available triple glazed
- ✓ PAS 24 option available
- ✓ 30mm low threshold option

Min/Max heights

Std frame - 1740mm/2450mm
Low ali threshold - 1727mm/2437mm



Traditional handles
Upgrade



Cranked handle (Obligatory for SBD)



Lever/Lever Handles



Slimline Hinges



115 mm midrail upgrade



Mechanical joint upgrade



20mm Astragal bar



Colour matched rebate adapter



Single door with midrail and Astragal Bars



Modern design single door with tongue and groove panel



Side screen no dummy sash



Side screen dummy sash

PVCU Doors

imagine





PVCU Doors

The 'Alternative to Timber' Collection



Choices

The 'Alternative To Timber' door range is a traditional style door manufactured from Kömmerring O70 or C70 profiles with all the benefits of modern materials. Expertly handcrafted with mechanically jointed midrails and mullions to create an authentic wooden appearance.

You can further the traditional look with the addition of period style furniture such as the AV2 Heritage door lock removing the need for a modern external lever to operate the locking points.

'Alternative to Timber' Doors

Period style doors ideal for new and old properties, designed specifically with timber in mind.

Smooth White	White Ash	Rosewood	Golden Oak	Mahogany C70 only	Black/Brown	Cream	Irish Oak	Anthracite Grey	Chartwell Green	Anthracite Grey
Both sides only		Available both sides or on smooth white						Available on smooth white only		Available both sides C70 only

Standard door range shown below

Why not consider the personalised design opportunities

MELTON SOLID	MELTON 1G	MELTON 2G	MELTON 4G	RUTLAND	RUTLAND PLAIN	WELDON PLAIN	WELDON	ROCKINGHAM	GRETTON	FOXTON	MOWBRAY PLUS

50mm Astragal on flat panel with midrail



Fanlight



Include clear or obscure glass. Max height 600mm.



AV2 Heritage Lock Option

Period style with automatic multipoint locking system, available in Gold or Chrome

Handle Upgrades
SEE PAGE 39

Sandblasted Numbers

Sand blasted glass with clear number Clear glass with sand blasted number



Door Knockers

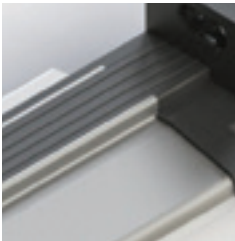
Scroll Knocker Modern Knocker



Door Knockers supplied loose

Low Threshold

Optional upgrade





PremiLine

Sliding Patio Door

Choices

The 'Choices' PremiLine Sliding Patio door is available in 2, 3 or 4 pane configurations.

Smooth sliding operation with stylish looks

Standard Specification (includes glazing):

- ✓ 70mm profile depth with internally glazed sculptured beads
- ✓ Black gaskets with woolpile weatherseals
- ✓ White (chrome and gold effect - upgrades) handles
- ✓ Six point - six hook - locking
- ✓ Fully welded and reinforced
- ✓ Stainless steel adjustable rollers on a stainless steel track
- ✓ Slides on outer track as standard - inner track on request
- ✓ 28mm toughened sealed units with Low E Argon gas and warm edge spacer
- ✓ PVCU profiles using 'greenline' 100% lead free stabilizer
- ✓ Full height aluminium 'pull grip' available
- ✓ 20mm low aluminium threshold available (lower weather rating)
- ✓ Mechanically jointed outer frame available



Door Sizes - Maximum

2 Pane	3 Pane	4 Pane
3000mm width x 2300mm height	4200mm width x 2300mm height	5800mm width x 2300mm height

NB: The height of the sash must not be more than 2.5 times larger than the width e.g. Frame height 2090mm means minimum frame width of 1600mm

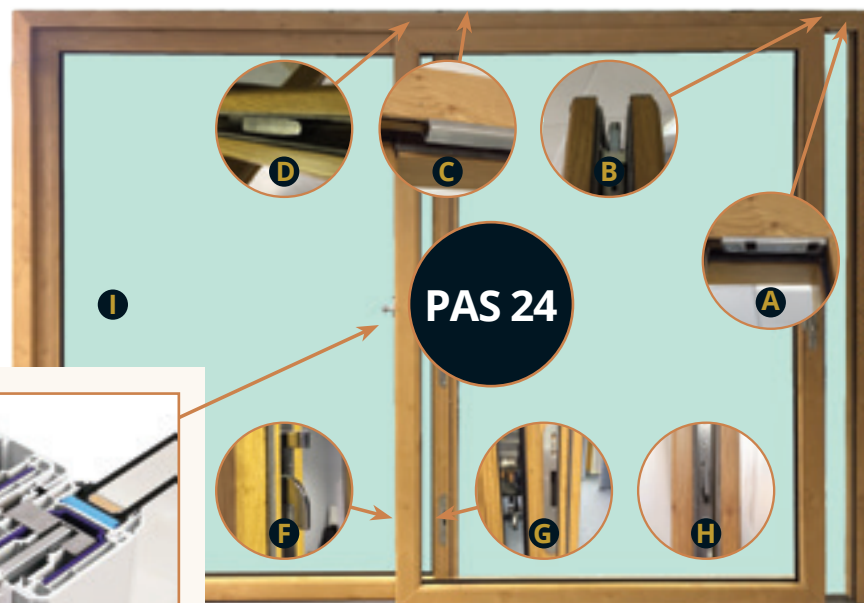
PremiLine Sliding Patio Door

PremiLine PRO PAS 24 Upgrade

'Lifetime Homes' and 'Document Q' compliant (2 and 3 pane doors only)

PAS 24 test data based on 2 pane patio door at 2450mm wide x 2260mm high

- A** Shootbolt keep with nightvent facility
- B** Shootbolt
- C** Top rail 'dog bolt' keep
- D** Top rail 'dog bolt'
- E** Interlock handle - White, Black, Chrome
- F** Interlock hook bolts (x3)
- G** Interlock keeps (x3)
- H** Sash hook locks (x8)
- I** 6.8mm laminate / argon / 4mm toughened



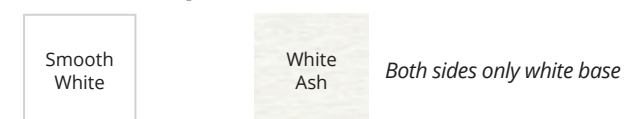
PremiLine PRO

Innovative hidden locking system with interlock handle eliminates the needs for unsightly plunge bolts.

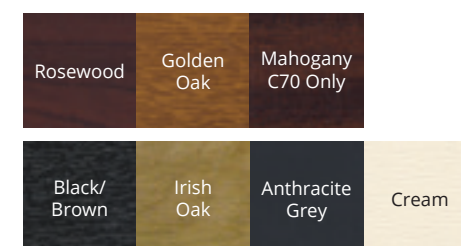


NB: Double shootbolt option only available on doors above 2070mm frame height

Colour Options



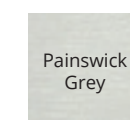
Available both sides or on smooth white



Available on smooth white only



Available on smooth white only extra lead time



NB: Foiled on White profiles will show White on the insides of the head and base outer frame

20mm low aluminium threshold



The Solidor Collection

Solidor

Solidor



Ludlow Two Beeston One Conway Solid Conway One Conway Three Harlech Two Nottingham Two Stafford One Tenby Solid Tenby Two Tenby Four



Flint/Ancona Solid Flint One Diamond Flint One Square Flint Two Flint Three /Roma Flint Four Flint Five Windsor Glass Ancona London Door Amalfi



Berkeley Alnwick Edinburgh Berkley Solid Edinburgh Solid Windsor/Palermo Biella Brescia Thornbury/Verona Genoa Messina



Milano Naples Pisa Parma Siena Sorento Turin Venice Garda Monza Rimini



Modena Stirling Trieste Ludlow SP One Nottingham SP One Tenby SP One Milano SP Brescia SP Thornbury SP Flint SP

Door Minimum Width 843mm - Maximum Width 1013mm

The Italia range and Flint doors with single cassettes can be narrower

Frame Height	Minimum/Maximum
Std PVCU Threshold	1953mm to 2163mm
Low PVCU Threshold	1939mm to 2159mm
Mobility Threshold	1918mm to 2128mm

**Part M Compliant
over 945mm wide
with mobility threshold**

Side Screen Minimum Width 403mm Maximum Width 563mm

**Flint & Thornbury Side Panels available from:
Min width - 350mm Max width - 1000mm**

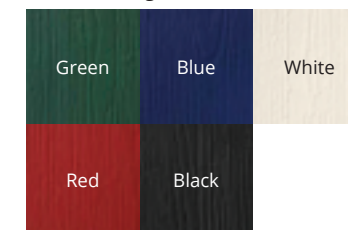
Choices

Solidor range of timber composite doors are widely admired for their stunning design, and unparalleled security.

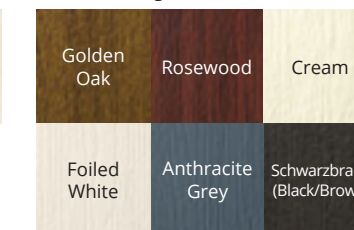
Available with optional side panels and even in a french door combination or both.

Slab Colour Options

Standard range slab colours



Premium range slab colours

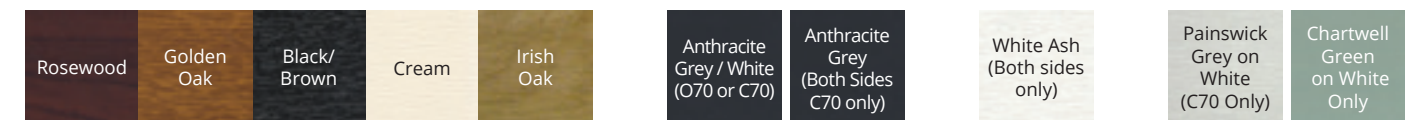


Luxury range slab colours



Frame Colour Options

Foiled both sides or foiled on white



Outer Frame Options

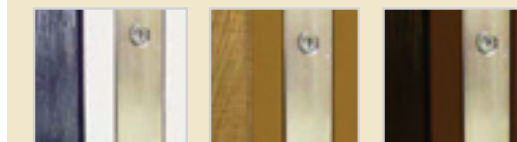
Outer Frame Type



Kömmerling C70 Kömmerling O70

Edgeband colours

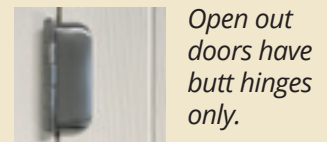
White as standard, brown on rosewood or black foil both sides and caramel on golden oak or irish oak both sides.



White Caramel Brown

Hinge Clearance

Flag hinges provide 35mm clearance for open in doors (as illustrated).



Open out doors have butt hinges only.

Solidor French and Stable Doors

Solidor French Doors



Includes keyed alike Ultion thumbturn cylinders.

NB: Available with PVCU and Aluminium threshold on 'open in' doors. PVCU threshold only on 'open out' doors.

Please contact us for advice on minimum and maximum sizes.

Solidor Stable Door



Includes keyed alike Ultion thumbturn cylinders.

Most of the standard Solidor range and many of the Italia collection are available as stable doors in any colour on any side.

Only available as open inwards doors



Residor Collection

Choose between 16 door designs



Toton 1



Timperley 1



Timperley Fan 1



Timperley 3



Lytham 2



Toton 2



Chilwell 2



Turnberry 1



Chilwell 1



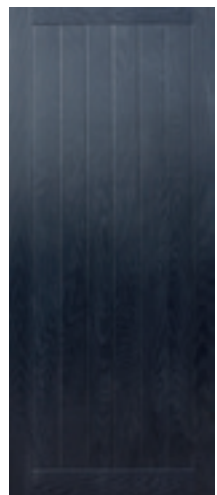
Newbridge 2



Newbridge 4



Gosforth 1



Gosforth Solid



Monsall Solid



Kendrick 3



Kendrick 4



Toplight option



Upgrade Available



Residor Collection

Choices

Residor are the most secure GRP composite doors on the market. With a wide range of colour and glass options available, each door range is fully customisable to you.

All doors include

- ✓ Glazing cassettes
- ✓ Through colour weather bar
- ✓ Clear/obscure glazed units
- ✓ 70mm Veka outer frame
- ✓ ERA lock and keeps
- ✓ Ultion 35/35 cylinder
- ✓ Lever/Lever handles: White/Gold/Black/Chrome/Brushed Chrome
- ✓ White edge band only

Extras and Accessories

- ✓ Letterplate, Urn knocker, Urn/Spyhole, Door viewer, Lever/Pad (Colours available as per Lever/Lever handles)
- ✓ Door guard
- ✓ Thumbturn
- ✓ Low ali threshold
- ✓ Additional 3 Keys
- ✓ Toplight
- ✓ Cills
- ✓ Wide range of glass designs

For PAS 24 add

- ✓ 6.8mm laminate glass
- ✓ If letterplate is to be fitted it must be Trojan and Cowl TS008 must be fitted



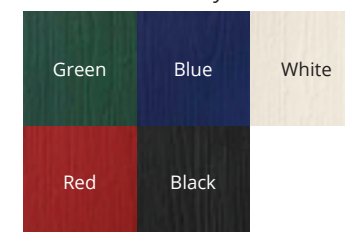
Cowl TS008

For SBD add

- ✓ All of PAS 24
- ✓ Viewer
- ✓ Door Guard

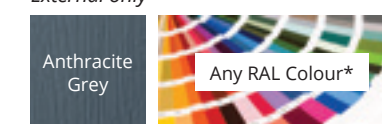
Slab Colour Options

External colours always white internal



Slab Colour Upgrade

External only



*Extended lead time

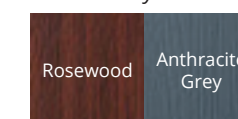
Frame Colour

White both sides



Frame Colour Upgrade

On white only



The Gosforth 1, Gosforth Solid, Kendrick 3, Kendrick 4 and Turnberry 1
Minimum Width 820mm - Maximum Width 871mm

All other Doors

Minimum Width 850mm - Maximum Width 1023mm

Frame Height

Std PVCU Threshold Minimum / Maximum 2018mm to 2118mm

Mobility Threshold AM3 Deduct 33mm

Mobility Threshold AM5 Deduct 34mm (open out only)

Part M
Compliant over
945mm wide
with mobility
threshold



Casements

Any casement window in our profiles will come to you with the same high specification to BS7412

Standard Specification:

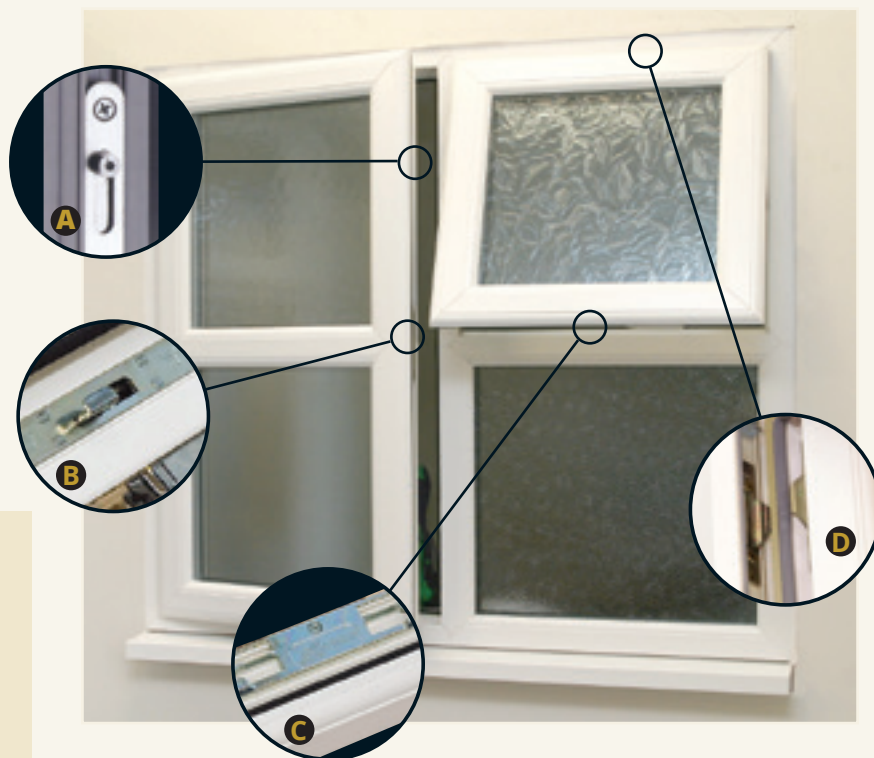
- A** High strength steel mushrooms
- B** Central claw lock
- C** Die cast keep to retain reversing claws and provides night vent facility

Optional upgrade to PAS 24:

- D** Hinge protectors

Upgrade to PAS 24 Secured by Design Easy and Inexpensive

Secured by Design can sometimes require one laminate skin, this decision is made by the client and the police advisor.



Window Energy Ratings & Glazing Upgrades

Window energy ratings and 'U' value chart

	Standard Casements		Tilt and Turn or Wide outer casements	
	Energy Rating	'U' Value	Energy Rating	'U' Value
Kömmerring O70/C70*	A	1.4	B	1.5
Triple Glazed 36mm	A	1.1	N/A	1.1
Triple Glazed 40mm	A+	1.1	N/A	1.1
Rehau S706 70MM	A	1.4	B	1.5
Triple Glazed 36mm	A	1.1	N/A	1.1
Triple Glazed 40mm	A+	1.1	N/A	1.1
Triple Glazed Ultra 44mm	N/A	0.8	N/A	0.9
Rehau Tritec 60mm	B	1.5	C	1.5
Halo Flush 70	A	1.4	B	1.5
Residence 9** and R7**	A	1.2	N/A	N/A
Triple Glazed 44mm	A	0.9	N/A	N/A
Rehau Vertical Slider	A	1.5	N/A	N/A
Aluk Aluminium***	A	1.6	N/A	1.6

36mm triple glazing uses a slim sculptured bead, 40mm and 44mm triple glazing uses a slim flat bead

All figures shown are overall window 'U' values

*Large outer frame casements on Kömmerring will be 'A' rated, all other systems will be the wide outer casement rating

**Residence 9 and R7 available 'A' rated on request only

***Available 'A' rated upon request, slimmest sashes and slimmest outer frame only

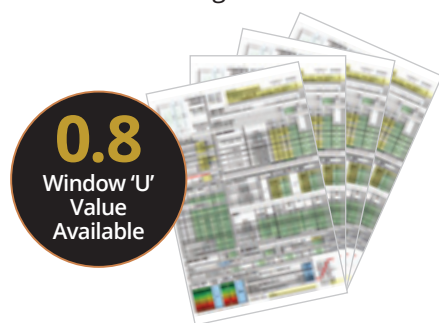


Energy Ratings
'Choices' windows are 'A' Energy Rated as standard where applicable



Energy Ratings - Calculation based on 'U' Value, air leakage and solar gain

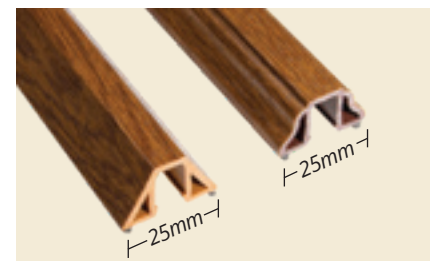
Window 'U' Values
Wide range available



'U' Value - the measurement of thermal performance of a window

'Choices' Astragal Bar range

Astragal Bars can be fitted to most of the windows and doors within the Choices PVCU range



25mm ASTRAGAL BAR

Default Bar for Kömmerring O70, C70 and Rehau.

25mm clip fit Astragal bar with milled ends to match profile shape offering the traditional timber appearance.



20mm ASTRAGAL BAR

Rehau Vertical Sliding Sash, Residence 9, Halo Flush 70 and Imagine.

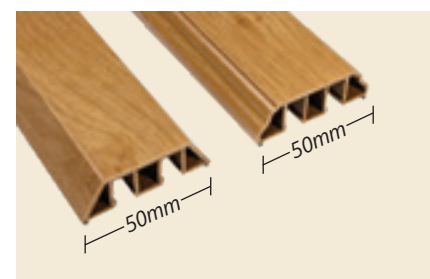
20mm Astragal bar with square cut external bar to sash/frame giving a tidy appearance.

Available Double or Triple Glazed
Optional for Kömmerring 70



20mm ECLECTIC ASTRAGAL BAR

Only available as optional (or if colour dictates) Astragal Bar for Residence 9

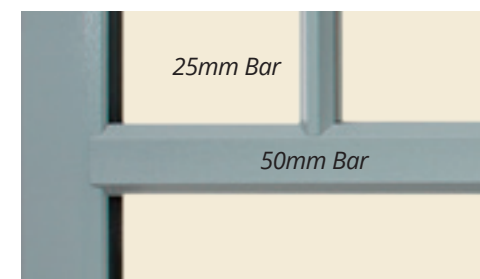


50mm ASTRAGAL BAR

Kömmerring 70 - Linear only

50mm wide clip fit linear astragal bar perfect for creating that cottage bar look or a mullion effect on doors

Can be used in conjunction with our 25mm Astragal Bar



Radlington Cill

The Radlington cill is a modern interpretation of a traditional timber cill. Available as 55mm x 165mm for all our 100mm and 70mm window and door systems.

For R7 and R9 a 30mm x 165mm Radlington cill is supplied as standard (55mm cill available as an option).

Optional internal trims available.



55mm deep Radlington cill

Standard range

Standard range upgrade



Cranked handle range



Elegance range Available as Monkey Tail or Tear Drop in colours shown below



Trickle vents

2500EA trickle vents (replace 1700EA and 2700EA trickle vents)
5000EA trickle vents is still available



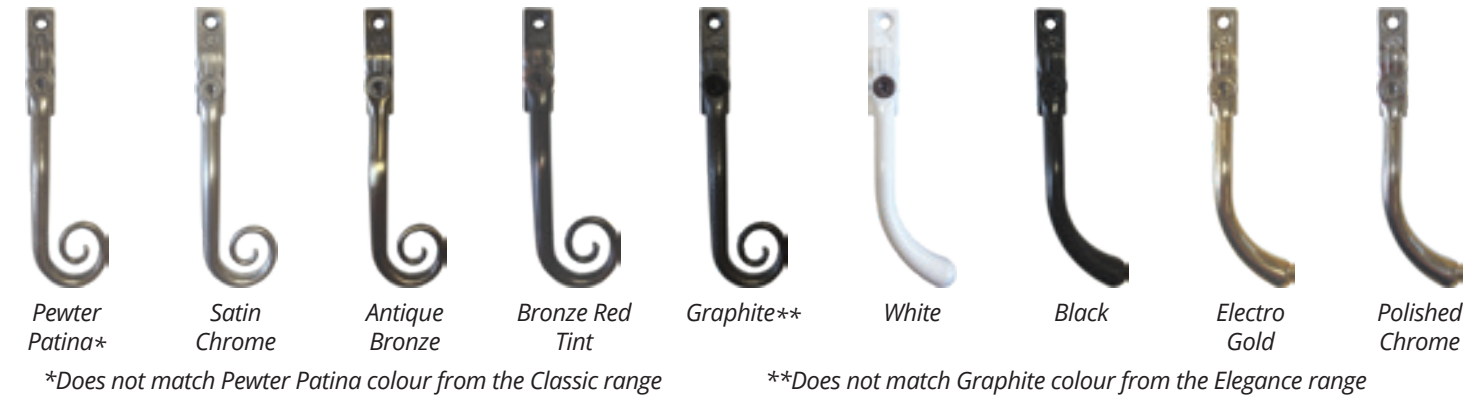
Concealed vents are available as:
White/Cream/Black/Dark Grey/Painswick/Chartwell

Other colours (Not as concealed): Brown/Caramel options available.
Rosewood/Golden Oak/Irish Oak foiled vents also available



Vintage Range

Available as Monkey Tail or Pear Drop in all 9 colours shown below



Matching functional or dummy stays

R9 Matching functional or dummy stays
R7, Flush 70, Rehau and Kömmerling dummy stays only

Colours and Finishes



Pewter Patina



Satin Chrome



Antique Bronze



Bronze Red



Graphite



White



Black



Electro Gold



Polished Chrome

Concealed trickle vent cover/head drip

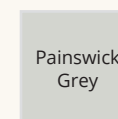
Suitable for fitting to any 'Choices' PVCU or Aluminium product.



White



Cream



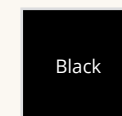
Painswick Grey



Chartwell Green



Anthracite Grey



Black

Halo Flush 70 'Zero Sightline'

Improve your Flush 70 window by using 'Zero Sightline' technology. Improving the sightline by 34mm by removing the traditional mullion.



- ✓ Can be used as floating mullion
- ✓ Can be used as a scribed mullion
- ✓ Available as a zero sightline transom



Kömmerling Doors

'Choices' doors have a high security specification as standard



Standard Specification:

- A** Kenrick lock with 3 star cylinder
- B** Hook claws top and bottom operate in reverse directions for anti-lift
- C** 2 roller cams providing compression to ensure a reliable weatherproof seal
- D** Steel shootbolts as standard on both leafs
- E** Centre hook claw with smooth locking operation. Provides high level of security in the centre of door
- F** One piece keeps combine with hook claws to provide highly secure locking and non corrosive long lasting performance
- G** Adjustable Dynamic hinge



PAS 24 Enhanced Security as standard

Secured by Design as standard

Subject to the addition of 6.8mm laminate glazing



ULTION Cylinder upgrade



Features and Benefits

- ✓ Eleven Pin Locking
- ✓ 294,970 Lock Combinations
- ✓ 100,000 Cycle Endurance Test
- ✓ Snap Tested Resistant Sections
- ✓ Drilling, Pick and Bump Tested
- ✓ Molybdenum Alloy Core
- ✓ Available on any new 'Choices' door
- ✓ All Locks can have the same key
- ✓ Single, Double, Sliding and Bi Folding
- ✓ Retro Fit into existing doors

Ultion cylinders are available to fit to any new 'Choices' single, double or bi-fold door and can be retrofitted to existing 'Choices' doors

The basis of the high security is the Molybdenum Alloy Core (Centre section) which as soon as the lock comes under attack, goes into 'Lockdown Mode'. The first two sections are designed to 'snap' off - then the attacker will be confronted with the high security 'core'.

Please note Ultion cylinders are only supplied with 3 keys per set, so additional keys may be required when ordering keyed alike cylinders as part of a set

Panic Bars to BS:EN 14351 upgrade

Multi-point panic bar door lock with optional external access suitable for Single or Double doors. Double doors can be supplied offset to give maximum width for Master door.

PVCU doors are not recommended for high commercial usage

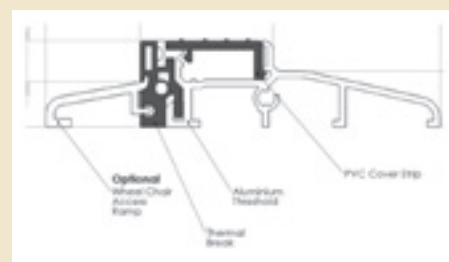
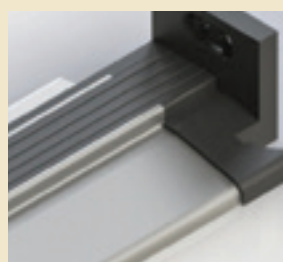
External access option requires key for entry from outside



Double doors supplied with panic bar to master door only, slave leaf operated by GZR finger operated bolt

Mobility Threshold

Part M thermally broken mobility threshold available in anodised silver or gold with optional access wheel chair ramps

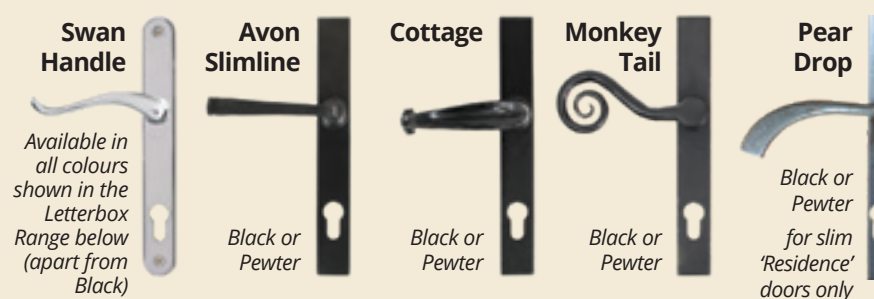


Standard Door Handle Range

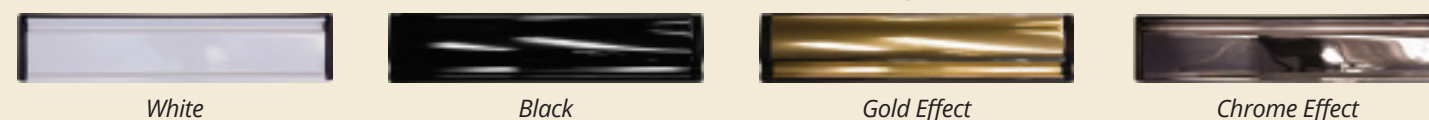
Balmoral Handles



Traditional Door Handle Range



Standard Letterbox Range



Premium Letterbox Range



Standard door hinge - Dynamic



Door handle upgrade - 'Lock Lock'

Suitable for most 'Choices' doors



White, black, gold effect, chrome and brushed

Door Hinge upgrade - Athena

Option for Kömmerling doors



'Choices' Aluminium Range



Aluminium Windows

Choices

The ALUK range was the first aluminium system in the UK to achieve an 'A' rated window for the Energy Saving Scheme with a double glazed unit.

The standard 'Choices' aluminium window the Optio '58BW ST Casement'

Colour Range

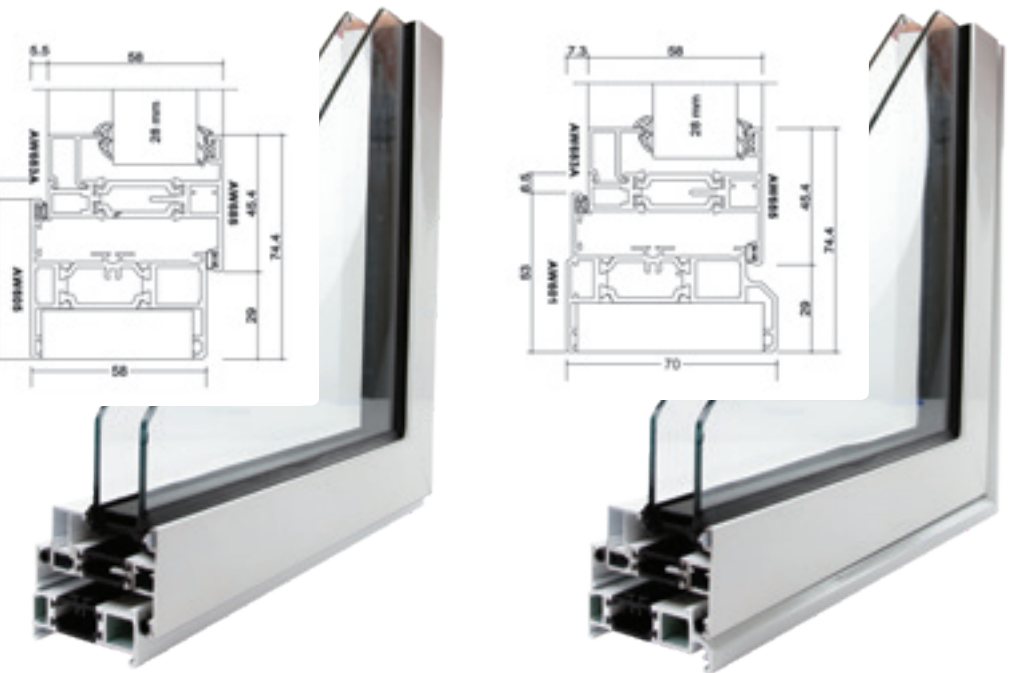
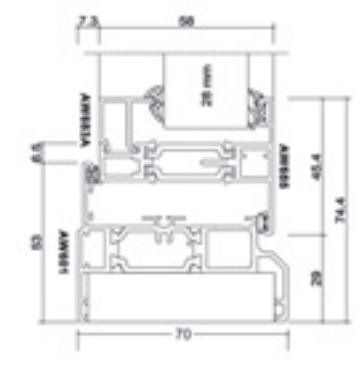
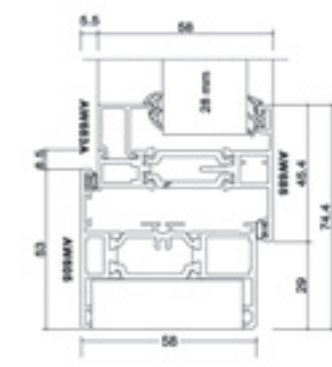
for fast delivery

White
RAL 9910hg

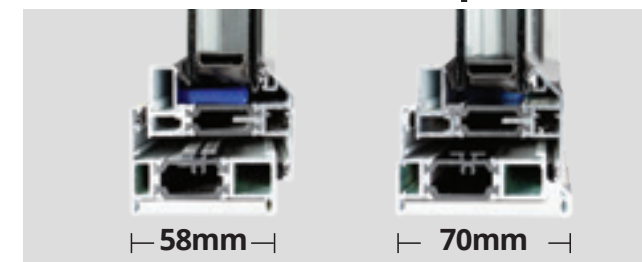
Anthracite Grey
RAL 7016m

Anthracite Grey

White



Two frame depths



Two frame heights



Specification

- ✓ Contemporary Flat sash
- ✓ 58mm or 70mm front to back profile depth
- ✓ Frame Heights - 43mm, 53mm and 73mm
- ✓ Externally glazed fixed panes or internally glazed dummy sashes
- ✓ Window Energy Rated 'B'
- ✓ Black or White cranked handles
- ✓ Polyamide thermal break design for thermal performance

Upgrades/Options *(Extended lead time)*

Sashes - Puttyline sash, Stepped sash and Externally beaded sash

Other Colours - Full range of RAL colours in single or dual finishes

PAS 24 / Doc Q

'A' Rated

Handles - A range of cranked handles



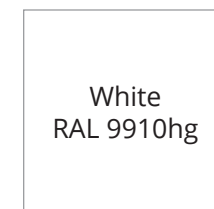


Available in a wide range of formats, our stylish aluminium entrance door system is suitable for both light and medium-duty use.

Design Features

-

'Open Out' is fast delivery



Upgrades/Options

- ✓ Glazing to 36mm
- ✓ 58mm or 70mm frame depth to accommodate varying types of application
- ✓ Low threshold option for Part M
- ✓ A range of single or dual colour
- ✓ PAS 24 / Doc Q

Commercial Doors

Design Features:

-
- A photograph of a building entrance. The entrance features a set of double glass doors with dark frames. Above the doors is a white rectangular sign with the word "Reception" written in blue capital letters. The building is constructed of red brick. The ground in front of the entrance is dark asphalt.



Aluminium BSF70 Bi-fold

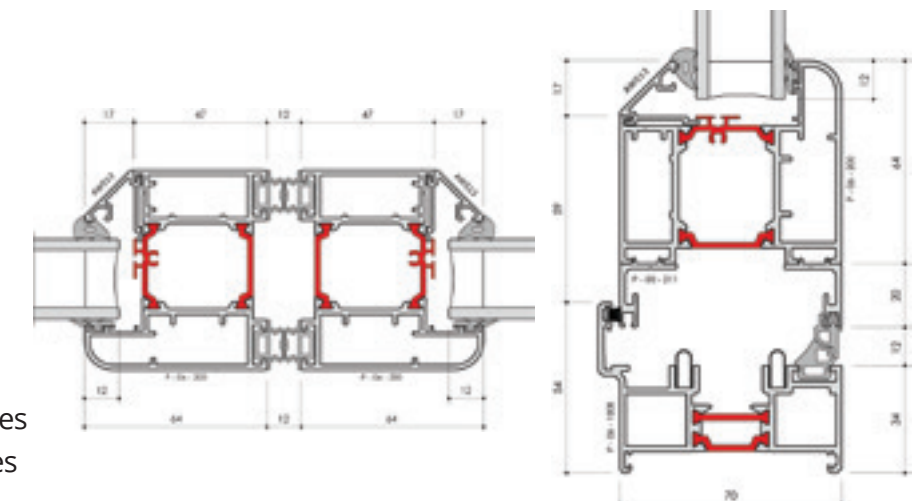
Choices

An intelligent combination of form and function, our highly versatile and market leading Bi-fold sliding door systems gives you maximum control over the style and operations of the doors

The *Standard* 'Choices' aluminium Bi-fold door is the Optio BSF70

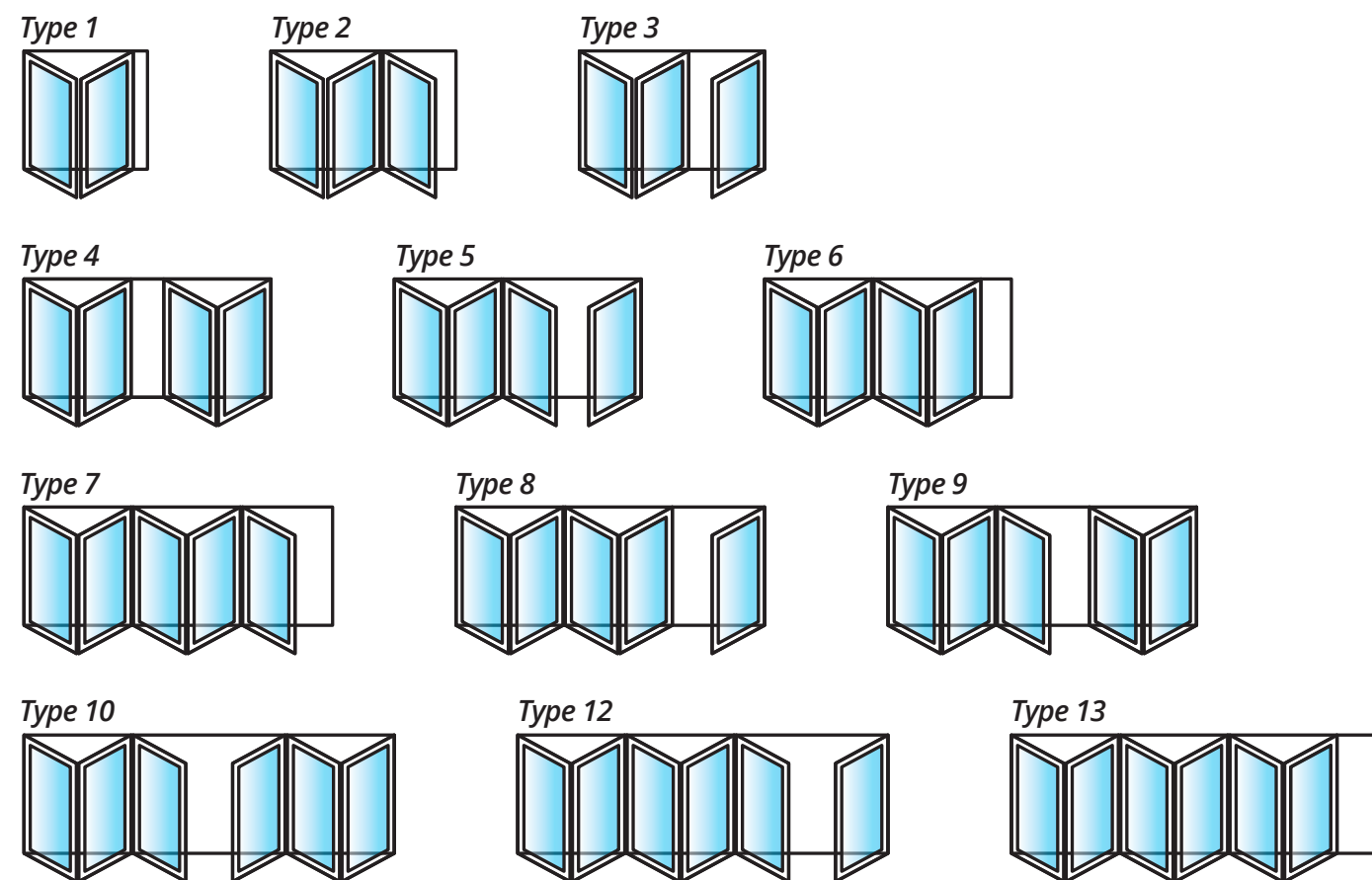
Design Features

- ✓ Internally beaded with a softline sash
- ✓ Stainless Steel Wheels
- ✓ Unique flush line pop up handle
- ✓ Magnetic catch for prime/slave leaf
- ✓ All configurations open in and open out
- ✓ Thermally broken aluminium sections
- ✓ 28mm sealed unit
- ✓ Black or White lever/lever prime handles
- ✓ Black or White internal pop-out handles
- ✓ 'U' value 1.7Wm²K



Configurations

Available in a range of styles and designs, panels can be stacked inside or outside of the room, to the left, right or split to stack on both sides. Door sets can be manufactured to replace entire walls to maximise your opening space.

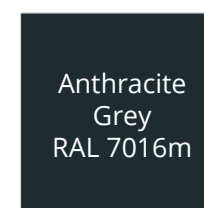
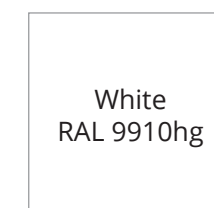


Minimum height 1950mm
Minimum width 1400mm
Minimum sash width 600mm

Maximum height 2400mm
Maximum width 6300mm
Maximum sash width 1000mm

All configuration have lever/lever handles on the prime leaf with the exception of types 1, 4, 6 and 13 which are internal handles only.

Colour Range *for fast delivery**



**Open out only*

Upgrades/Options

- ✓ Low threshold (no weather rating)
- ✓ A range of RAL single or dual colour
- ✓ PAS 24 / Doc Q
- ✓ Mechanically jointed outer frame
- ✓ 'U' Value 1.5 Wm²K with triple glazing
- ✓ Brushed chrome prime handles



Flush line pop-out handle



Stainless steel wheels



Floating corner post option available



F82 Bi-fold



Aluminium F82 Bi-fold

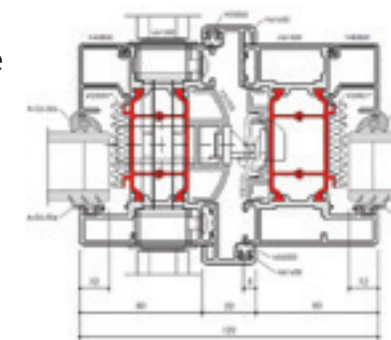
Choices

A contemporary, stylish bi-folding door. With thinner sightlines and interlock of 122mm that provide larger glazing panels without compromising on performance.

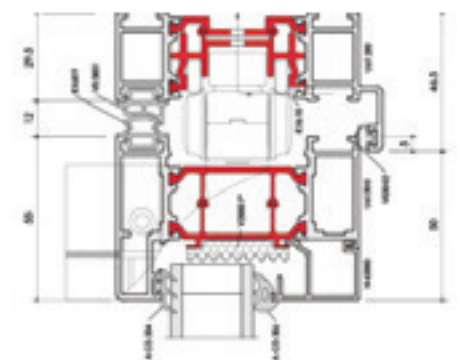
The *Premium* 'Choices' aluminium Bi-fold door is the Luminia F82

Design Features

- ✓ Frame plus sash sightlines of 97mm
- ✓ New and improved flush pop out handle
- ✓ Unique traffic doors
- ✓ HD compact roller
- ✓ 4 stainless slim steel rollers
- ✓ Magnetic catch for prime/slave leaf
- ✓ All configurations open in and open out
- ✓ Thermally broken aluminium sections
- ✓ U' Value 1.5 Wm²K with double glazing
- ✓ Black or White lever/lever prime handles
- ✓ Black or White internal pop-out handles



Locking Jamb



Frame detail

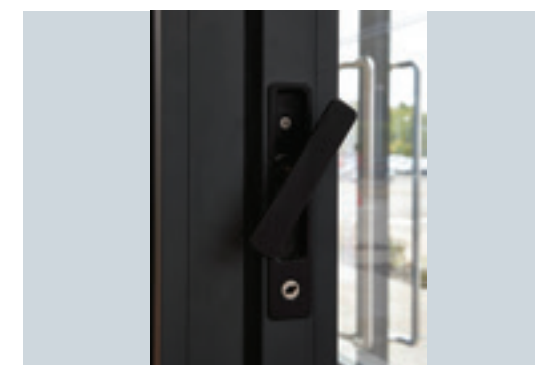
Colour Range *for fast delivery**



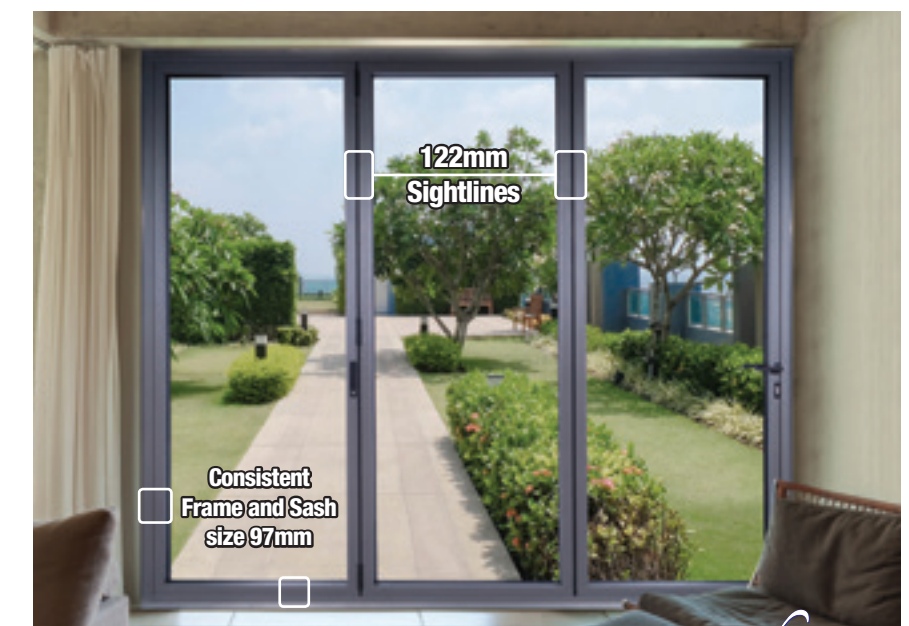
**Open out only*

Upgrades/Options

- ✓ A range of RAL single or dual colour
- ✓ PAS 24 / Doc Q (Add 6.8mm laminated)
- ✓ Mechanically jointed outer frame
- ✓ 'U' Value 1.1 Wm²K with triple glazing
- ✓ Silver paint prime handles



Flush line pop-out handle



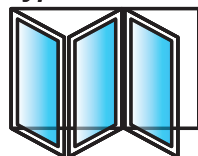
Configurations

Available in a range of styles and designs, panels can be stacked inside or outside of the room, to the left, right or split to stack on both sides. Door sets can be manufactured to replace entire walls to maximise your opening space.

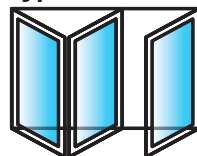
Type 1



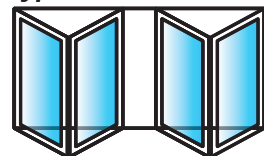
Type 2



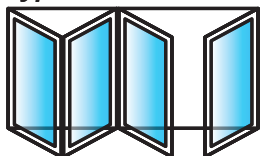
Type 3



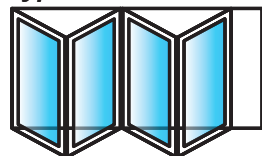
Type 4



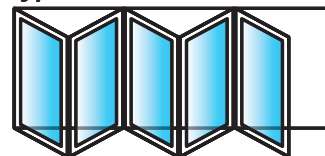
Type 5



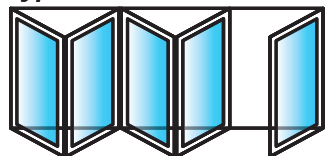
Type 6



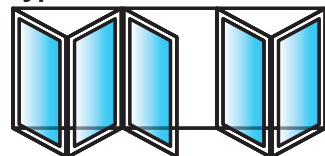
Type 7



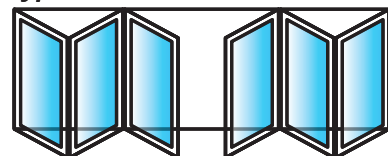
Type 8



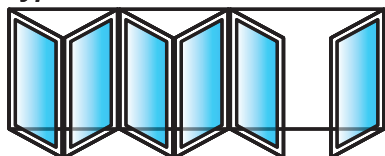
Type 9



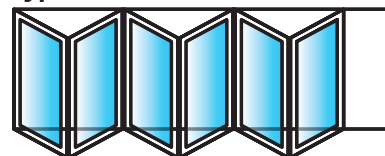
Type 10



Type 12



Type 13



Minimum height 2150mm
Minimum width 1400mm
Minimum sash width 600mm

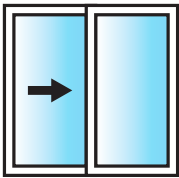
Maximum height 2500mm
Maximum width 6300mm
Maximum sash width 1200mm

All configuration have lever/lever handles on the prime leaf with the exception of types 1, 4, 6 and 13 which are internal handles only.



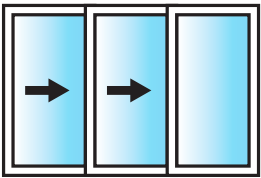
BSC94 Door

In-line Sliding Doors



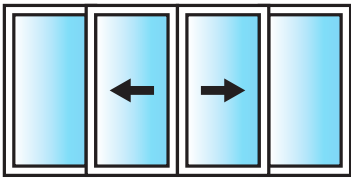
2 Pane

Minimum width 1400mm
(at 2100mm high)
Maximum width 4500mm
Maximum Height 2300mm



3 Pane (Triple Track)

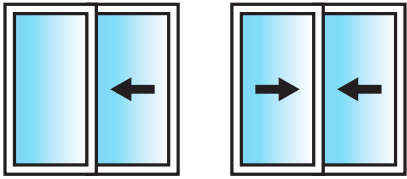
Minimum width 2700mm
Maximum width 6000mm
Maximum Height 2300mm



4 Pane

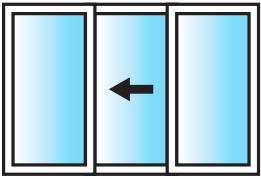
Minimum width 3600mm
Maximum width 6000mm
Maximum Height 2300mm

Lift and Slide Doors (Duo Rail)



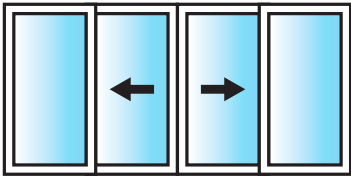
2 Pane

Minimum width 1400mm
(at 2100mm high)
Maximum width 4500mm
Maximum Height 2400mm



3 pane

Minimum width 2700mm
Maximum width 6000mm
Maximum Height 2400mm



4 pane

Minimum width 3600mm
Maximum width 6000mm
Maximum Height 2400mm

Colour Range
for fast delivery



Charge as
standard RAL
dual colour

Aluminium In-line Sliding and Lift & Slide Doors

Choices

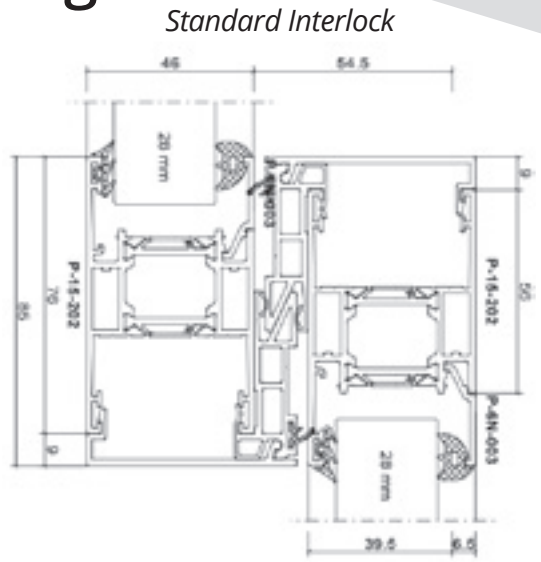
Combining high performance with stunning design, our 'In-line Sliding' and 'Lift & Slide' doors provide a versatile solution for any architectural project.



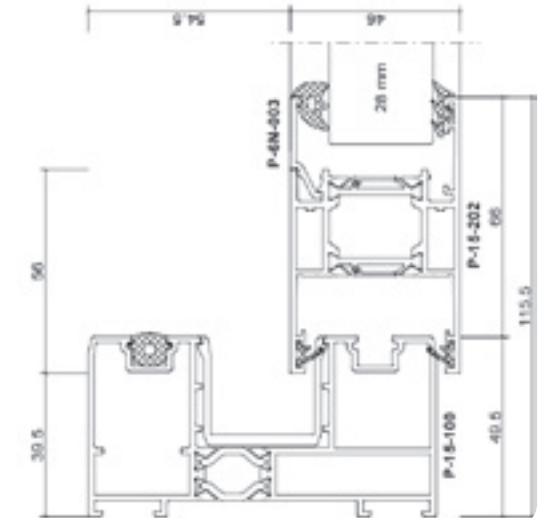
'Choices' Optio BSC94 In-line Sliding and Lift and Slide options

Standard Design Features

- ✓ 3 Chambered doors
- ✓ 28mm sealed units
- ✓ 4 hook locks (Slider only)
- ✓ Black or white handles
- ✓ Black buffer stops
- ✓ 'U' Value 1.7 Wm²K with double glazing
- ✓ Dual rail



As overall sizes increase, additional external reinforcing will be required



Threshold and Sash



Optional 45mm Slim Interlock - Sliding and Lift & Slide

Upgrades/Options

- ✓ A range of RAL single or dual colour
- ✓ PAS 24 / Doc Q (2 pane In-line slider only)
- ✓ Brushed chrome handles
- ✓ Triple track slider - no cill available - 155mm frame - 6 week lead time
- ✓ 45mm slim interlock

Configurations Door sash width cannot be less than 3x smaller than the height of the door



Aluminium Windows

Choices

Designed to offer a modern aluminium replacement to the traditional steel window

Heritage 47 System

Design Features

- ✓ Slimline profile
- ✓ Thermal break exceeds Part L requirements
- ✓ High security locking
- ✓ Available externally glazed fixed panes or internally glazed with dummy sashes
- ✓ Single and dual RAL colour options
- ✓ Window energy rating 'C'
- ✓ PAS 24 / Doc Q option available



ULTRA SLIM SIGHTLINES



Ideal replacement for traditional steel windows



VS 600 window

Design Features

- ✓ Thermally broken
- ✓ Internally glazed
- ✓ Single RAL colour
- ✓ 28mm glazing
- ✓ 'U' value 1.6 W/m²K (dependent on glass unit used)
- ✓ Frame Depth 126mm



Vertical Sliding Max Width (mm) - 1600mm (based on frame height 1300mm)

Vertical Sliding Max Height (mm) - 2800mm (based on frame width 750mm)



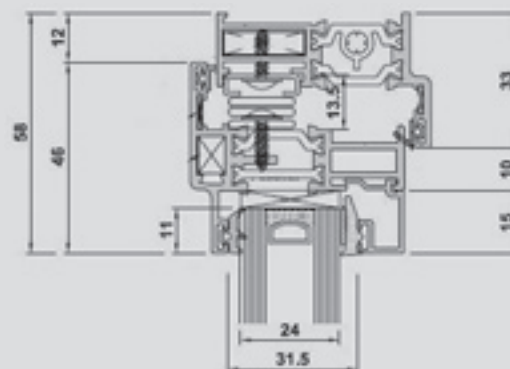
Horizontal Slide 2000

Design Features

- ✓ 'U' value 1.6 W/m²K (dependent on glass unit used)
- ✓ Frame Depth 70mm
- ✓ Thermally broken
- ✓ Dual RAL colour
- ✓ 28mm glazing



Slimline system suitable for windows and doors



The 58mm frame and sash suitable for casement and french windows, single and double doors.

'Choices' Timber



Timber Casement Windows

Choices

High performance made to measure timber windows manufactured from the highest quality hardwood or engineered softwood.

'Choices' Timber Casement Windows

Storm Windows - New for 2019

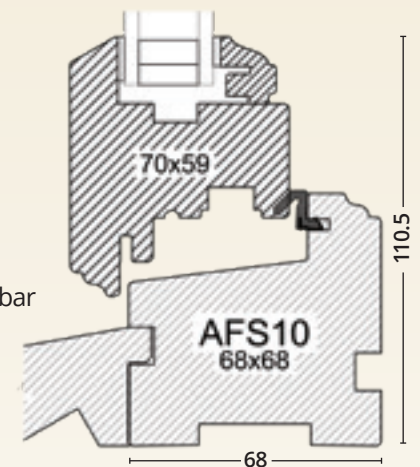
'Choices' Timber Storm windows are a high performance casement window available as side hung or top hung with the option of glazing bars to create classic designs.

Hung on friction hinges with a choice of traditional furniture, 'Choices' Timber Storm windows come with internal decorative mouldings on both sash and frame to enhance appearance.



Specification

- ✓ Engineered Redwood as standard
- ✓ Grandis hardwood option available
- ✓ All timber FSC® certified
- ✓ Default colour - White RAL 9016
- ✓ Standard 'Choices' stains - Mahogany, Cyprus Light Oak, Teak, Walnut and Ebony
- ✓ Any RAL colour can be provided upon request
- ✓ Available 'A' Energy Rated
- ✓ Choice of 25mm, 40mm or 56mm bonded Astragal bar
- ✓ Optional 56mm solid glazing bars
- ✓ Available double or triple glazed
- ✓ PAS 24 / DocQ options available
- ✓ Internally glazed
- ✓ 94mm front to rear outer frame available



Flush Windows - New for 2019

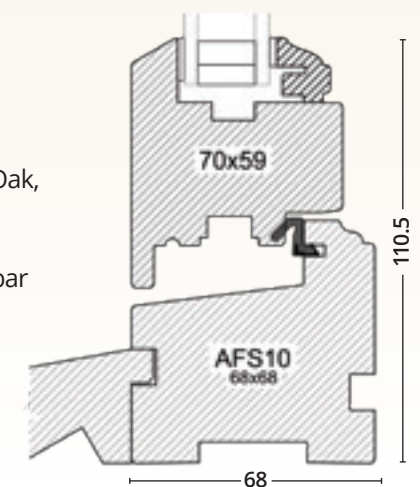
'Choices' range of Timber Flush Casements is an advanced suite of outward opening flush casement windows.

With a choice of hinges they are available as outward opening casements or top swing fully reversible windows. This provides flexibility without compromising the external appearance of the building.



Specification

- ✓ Engineered Redwood as standard
- ✓ Grandis hardwood option available
- ✓ All timber FSC® certified
- ✓ Default colour - White RAL 9016
- ✓ Standard 'Choices' stains - Mahogany, Cyprus Light Oak, Teak, Walnut and Ebony
- ✓ Any RAL colour can be provided upon request
- ✓ Choice of 25mm, 40mm or 56mm bonded Astragal bar
- ✓ Optional 56mm solid glazing bars
- ✓ Available double or triple glazed
- ✓ PAS 24 / DocQ options available
- ✓ Casements - Internally glazed
- ✓ Top swing fully reversible - Externally glazed
- ✓ 94mm front to rear outer frame available



Standard RAL Finishes

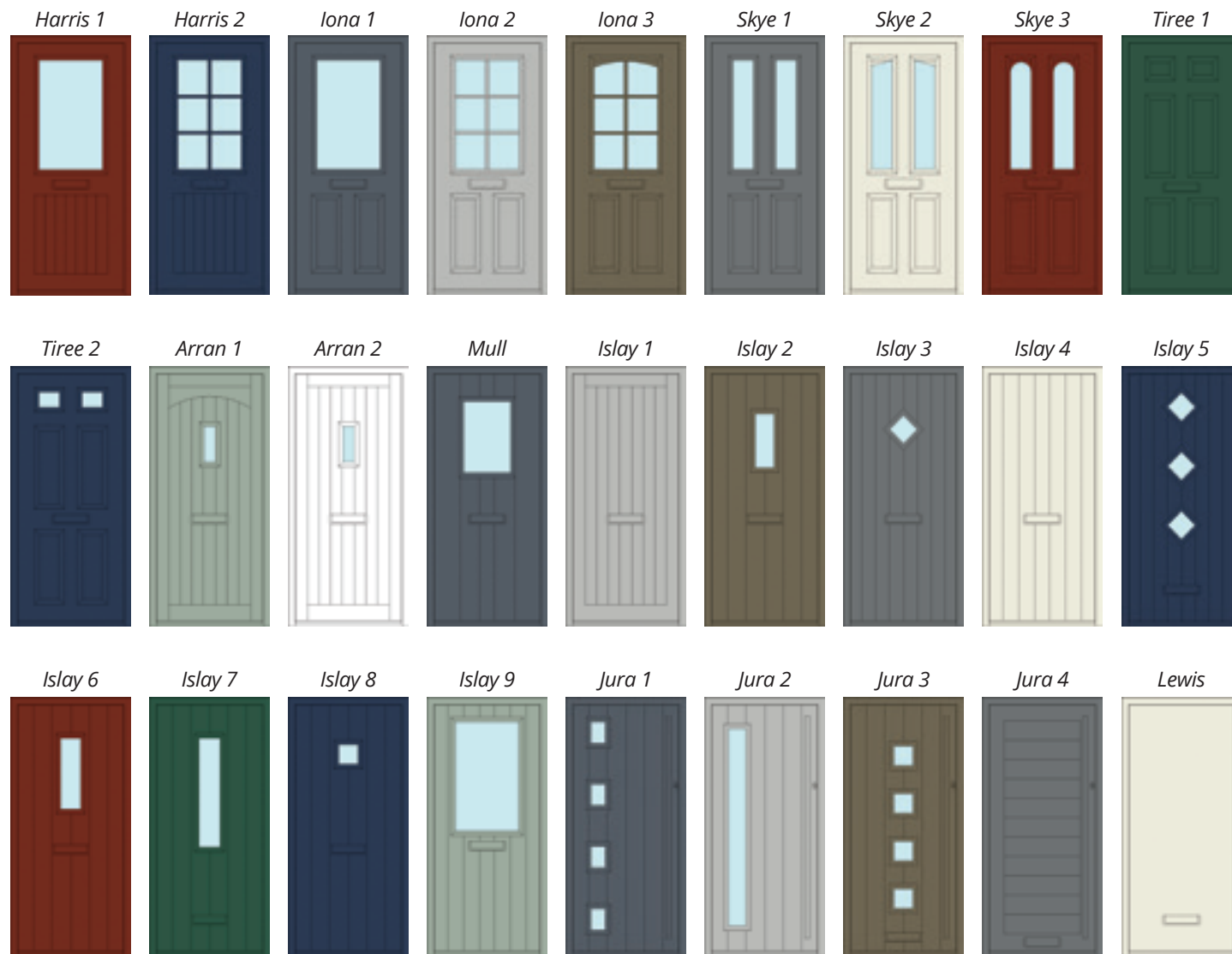
Soft White 9016	Anthracite Grey 7016	Agate Grey 7038	Beige Grey 7006	Traffic Grey 7043	Cream 9001	Red 3005	Green 6028	Blue 5011	Chartwell Green NCS3010-G 20 Y
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Standard Stain Finishes

Mahogany	Cyprus Light Oak	Teak	Walnut	Ebony
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'Choices' Scotdoor

Choose from 27 designs in a wide range of standard RAL and stain finishes



Standard RAL Finishes

Soft White 9016	Anthracite Grey 7016	Agate Grey 7038	Beige Grey 7006	Traffic Grey 7043	Gardenia
Cream 9001	Red 3005	Green 6028	Blue 5011	Chartwell Green NCS3010-G 20 Y	

Minimum and Maximum door sizes

Widths = 865mm - 1075mm

Heights = 2000mm - 2125mm

Custom dimensions available on request.

Note heights are excluding optional sub sole

Colour Upgrade Available in any RAL colour

Standard Stain Finishes

Mahogany	Cyprus Light Oak	Teak
Walnut	Ebony	

Door Handles (PAS 24 with 3 star cylinders)

Standard

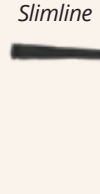


Upgrades

Monkey Tail



Avon Slimline



Cottage



Security Chain



Timber Scotdoor Range

Choices

'Choices' fully assembled doors combine tried and proven Scandinavian technology with traditional British styling to give exceptional performance against the weather and a high level of resistance to forced entry.

High Performance Doors

Specification

- ✓ Rebated door in engineered Redwood frame
- ✓ Full range of factory finished colours and stains
- ✓ Slab hung on 3 heavy duty adjustable security steel hinges
- ✓ Multi-point locking system
- ✓ Low level aluminium threshold as standard
- ✓ Integral draught strips and purpose designed weatherbars
- ✓ PAS 24 and Secured by Design as standard with 6.8mm laminated Outer Skin Glass
- ✓ Door handle in White/Gold/Black/Chrome/Brushed Chrome
- ✓ Optional upgrade to any RAL Colour
- ✓ Clear or decorative obscure glass (not Oriel, Satinova or Warwick)

Construction

Extruded polystyrene rigid foam insulation plate (XPS)

Vertical veneer

Aluminium stabilising sheet, security and moisture barrier

Vertical veneer

Horizontal veneer

1.5 mm quarter cut veneer for appearance and durability

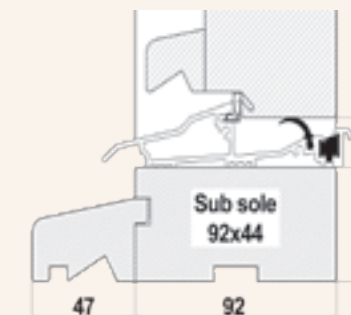


Threshold and Cill Details

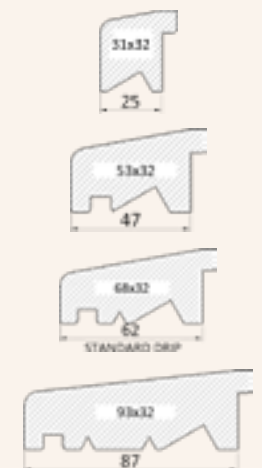
Aluminium threshold



Optional 44mm sub sole



Cill extensions



Choices Timber Door range are supplied with aluminium threshold as standard offering a 19mm clearance.

In addition a 44mm sub sole can be added to suit differing internal floor levels. Where suitable the sub sole can take a choice of 4 cill extensions.

Hinge Clearance

27mm



Slimline butt hinge offering 27mm plasterline clearance

'Choices' Timber Doors

Choose from a range of designs in a wide range of standard RAL and stain finishes

Full Height Glass



Part Glazed Plain Panel



Part Glazed Grooved Panel



Part Glazed Raised and Fielded Security Panel



Full Height Glass



Part Glazed Plain Panel



Part Glazed Grooved Panel



Part Glazed Raised and Fielded Security Panel



Standard RAL Finishes

Soft White 9016	Anthracite Grey 7016	Agate Grey 7038	Beige Grey 7006	Traffic Grey 7043
Cream 9001	Red 3005	Green 6028	Blue 5011	Chartwell Green NCS3010-G 20 Y

Maximum door sizes

Single Door Maximum Width = 1035mm

Single Door Maximum Height = 2200mm

Double Door Maximum Width = 2000mm

Double Door Maximum Height = 2200mm



Colour Upgrade

Available in any RAL colour

Standard Stain Finishes

Mahogany	Cyprus Light Oak	Teak
Walnut	Ebony	

Door Handles (PAS 24 with 3 star cylinders)

Standard



Upgrades

Monkey Tail



Avon Slimline



Cottage



Security Chain



Choices

The 'Choices' range of high performance, made to measure timber doors are manufactured from the highest quality hardwood or engineered softwood in a range of styles and sizes.

Single and Double Doorsets

Specification

- ✓ Engineered Redwood or Grandis Hardwood
- ✓ Low aluminium threshold
- ✓ Multi-point locking system
- ✓ Optional Astragal bar upgrade available
- ✓ Hardware to PAS24 / Doc Q as standard
- ✓ 6.8mm laminate required for PAS24 / Doc Q
- ✓ 28mm toughened 'Low E' glass
- ✓ Choice of 10 RAL colours and 5 stained finishes
- ✓ Door handle in White/Gold/Black/Chrome Brushed/Chrome
- ✓ Any RAL colour can be provided upon request
- ✓ Optional sub sole and cill extensions
- ✓ All timber FSC® certified



Timber single door with 15 pane Astragal design upgrade



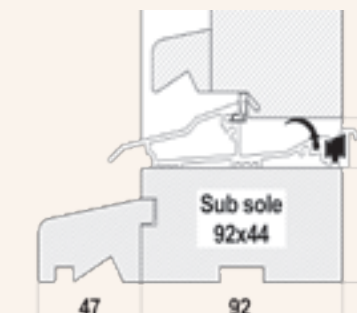
Timber double doors with 20 pane Astragal design upgrade

Threshold and Cill Details

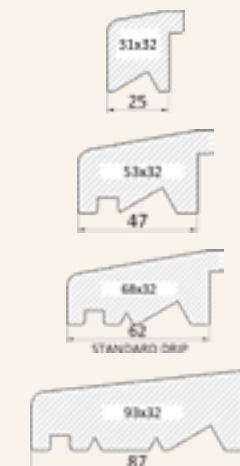
Aluminium threshold



Optional 44mm sub sole



Cill extensions



Choices Timber Door range are supplied with aluminium threshold as standard offering a 19mm clearance.
In addition a 44mm sub sole can be added to suit differing internal floor levels. Where suitable the sub sole can take a choice of 4 cill extensions.

Hinge Clearance

27mm



Slimline butt hinge offering 27mm plasterline clearance

'Choices' Timber



Slide and Tilt

'Choices' Slide and Tilt are traditional looking box design vertical sliding windows with double hung sliding sashes.

The double glazed sashes slide by means of modern pre-tensioned springs on either side which, in addition, allow the sashes to tilt inwards to facilitate cleaning.



PAS 24
DOC Q
Available



Spiral Balance

'Choices' Spiral Balance windows are the modern version of the traditional double hung timber sliding sash window.

The double glazed sashes slide by means of modern pre-tensioned springs in lieu of pulleys and weights.



Cords and Weights

'Choices' Cords and Weights sliding sash windows are windows still using traditional technology.

The sashes slide by means of cords, pulleys and weights. These windows are in demand for 'listed' buildings where traditional manufacture and single glazing is specified.



Timber Vertical Sliding Windows

Choices

Employed extensively since the seventeenth century, sliding sash windows can still add charm to any building old or new.

'Choices' Vertical Sliding Sash windows

Standard Specification

- ✓ Engineered Redwood
- ✓ Standard Double / Narrow Double / Single Glazing options
- ✓ Internally or Externally Beaded
- ✓ Default colour - White RAL 9016
- ✓ 'Choices' stains - Mahogany, Cyprus Light Oak, Teak, Walnut and Ebony
- ✓ Handles - Slide and Tilt: Gold, Chrome, White and Satin Chrome
- ✓ Handles - Spiral Balance/Cords and Weights: Brass, Chrome and Satin Chrome



The mark of
responsible forestry



Standard RAL Finishes

Soft White 9016	Anthracite Grey 7016	Agate Grey 7038	Beige Grey 7006	Traffic Grey 7043
Cream 9001	Red 3005	Green 6028	Blue 5011	Chartwell Green NCS3010-G 20 Y

Standard Stain Finishes

Mahogany	Cyprus Light Oak	Teak	Walnut	Ebony
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Options

- ✓ Grandis hardwood option
- ✓ Optional bonded Astragal bars
- ✓ Choice of solid glazing bars
- ✓ Full range of RAL colour finishes
- ✓ PAS 24 / Doc Q available (Slide and Tilt only)
- ✓ Conservation - 14mm sealed unit available (Spiral Balance and Cord and Weights only)

Alu Clad 'Choices' Timber

Flush Casement / Fully Reversible Windows

Outward opening flush casement windows with clean, straight edged timber frames and external aluminium cladding for a low maintenance solution. As an outward opening casement window, the functionality also allows for fully reversible for easy maintenance and cleaning.

The internal timber is, as standard, square edged (Softline) however it is also available with a slightly moulded, decorative finish (Classic).

Specification

- ✓ Engineered (laminated) timber profiles
- ✓ Pine timber with external aluminium cladding
- ✓ Factory applied paint / clear on white tone lacquer
- ✓ Polyester Powder Coated (PPC) aluminium
- ✓ Casement and reversible hinges
- ✓ All multi-point locking
- ✓ Modern square profile - Softline
- ✓ Traditional moulded profile - Classic
- ✓ Factory fitted double or triple glazing
- ✓ Double glazed with overall U-value of approx 1.34W/m²K
- ✓ Triple glazed with overall U-value of approx 0.92W/m²K
- ✓ Externally beaded, drained and ventilated
- ✓ PAS24 option available



Timber Aluminium Clad

Choices

Alu Clad timber windows and doors are manufactured from timber with an external aluminium cladding combining high levels of insulation and a low maintenance exterior finish

'Choices' Alu Clad Tilt and Turn

High performance inward opening, tilt & turn windows with an external aluminium cladding which provides a strong, durable external surface requiring minimal maintenance. This reduces future costs and improves the life expectancy of the product.

Specification

- ✓ Timber only option available
- ✓ Engineered (laminated) timber profiles
- ✓ Pine or Oak
- ✓ Factory applied paint/clear lacquer/white tone lacquer options internally
- ✓ Tilt & turn, tilt only or turn only - all inward opening
- ✓ Circumferential fittings with tilt ventilation
- ✓ Factory fitted 24mm double glazing or 40mm triple glazing
- ✓ Internally beaded
- ✓ Overall U-value of (approx.) 1.2W/m²K - double glazed or 0.9W/m²K - triple glazed
- ✓ Shaped opening windows possible
- ✓ Durable external aluminium cladding
- ✓ PAS24 option available



Alu Clad Doors



The 'Choices' Alu Clad door range is a high performance door system which includes:

- ✓ Entrance Doors
- ✓ French Doors
- ✓ Sliding Doors

With such a vast range of different solutions, each offering their own unique design features, we can offer a tailored solution perfect for your project.



'Choices' Conservatories

Benefits of enhancing a 'Choices' conservatory with a glass roof



- ✓ Excellent thermal insulation reducing energy costs
- ✓ Warmer in winter months
- ✓ Cooler in summer months
- ✓ Dual action easy clean glass
- ✓ Reduced solar heat gain
- ✓ Reduced noise interference

Easy clean glass

The special coating reacts with daylight to break down organic dirt. When water hits the glass instead of forming droplets it spreads evenly, running off in a "sheet" and taking the loosened dirt with it.



Thermal Lantern Roofs

The purpose designed Stratus aluminium skylight is discreet yet stylish

Stratus allows light to flood into your home's interior, the ideal modern lantern solution, and coupling slimline contemporary looks with truly outstanding performance.

Available in 3-way, 2-way or Contemporary design models with a choice of hard wearing exterior powder coated finishes.

Easy clean, solar control 24mm glass sealed units in blue, neutral or aqua.

Polyamide nylon, glass composite thermal breaks are 533 times more thermally efficient than aluminium



Up to 65% more thermally efficient than conventional aluminium roof systems

3 way design
Max 3000mm x 6000mm

2 way design
Max 1500mm x 6000mm

Contemporary design
Max 1500mm x 3000mm



Anthracite Grey
RAL 7016

Crisp White
RAL 9016

Anthracite Grey
Crisp White

Choices

As ever the 'Choices' brand gives you an enviable number of choices for your conservatory - from the simplest to the more complex - at the same time offering you a wide range of performance criteria and most importantly, colour options.

Conservatories



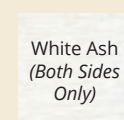
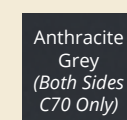
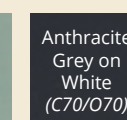
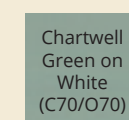
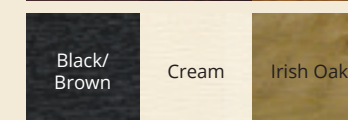
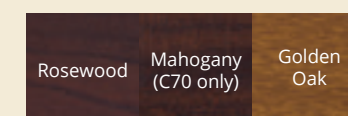
Customise with Colour

Why stick to the traditional white conservatory when colour is readily available.

Customise your conservatory to suit your style and taste.



Colour Options



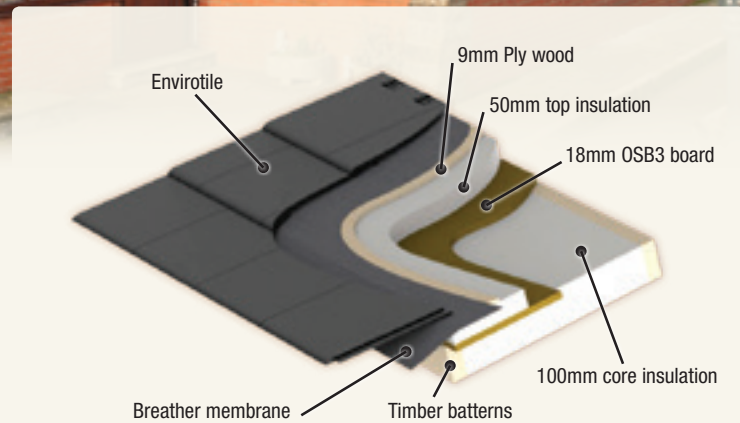
Available both sides or on smooth white



‘Choices’ Orangeries

Choices Garden Room Tiled Effect Roof

✓ Excellent thermal properties ✓ Cool in summer - warm in winter ✓ Added living space for all year use



Technical Specification:

- ✓ Roof 'U' value 0.17 (about 10 times better than polycarbonate)
- ✓ Fixed joint technology to prevent movement and cracked plaster
- ✓ Tile guaranteed for 25 years
- ✓ Warm roof construction and fast installation times



Residence 9

For that truly traditional effect, why not consider Residence 9?



Choices

Combine the best of both worlds, with the light and glass of a conservatory and the walls and ceiling of an extension.

The 'Livin Room' orangeries are based on traditional building technologies. They add a touch of contemporary style to any home, bridging the gap between a conservatory and an extension.

Orangeries & Garden Rooms



'Livin Room' Orangeries

The 'Livin Room' Orangery is the best of both worlds, combining light and space of a conservatory with the walls and ceiling of an extension.

'Livin Room' orangery with aluminium frames and Bi-folding door



'Livin Room' internal pelmet

Large 'Livin Room' orangery incorporating french double doors



'Livin Room' optional cornice detail



Choices 'Ultra4'

Modern glass technology allows glass to be used for so much more than something to look through. We have carried out tests on a wide range of our products, so we are able to advise whatever the requirement.

'Ultra4' The 'FOUR IN ONE' upgrade



Thermal Performance

'Ultra4' offers 'A' rated thermal performance

A special microscopic coating on the glass helps reflect heat back into the room offering savings of up to 22% on energy bills versus single glazing. With windows giving up to 26% of heat loss, choosing the right glass and windows, is an important step to making your home warmer.



Noise Control

'Ultra4' helps reduce external noise

Making our homes quieter by reducing unwanted noise from outside, is an undoubted benefit. 'Ultra4' reduces noise ingress by having a transparent sound absorbing layer, built into the glass. This makes it 20% better at reducing noise, than standard 'Choices' glass.



High Security

'Ultra4' offers greater security

A very strong transparent film is glued between two layers of glass for the outside skin of the sealed unit, making it much harder to break than standard glass. In the case of an incident, the glass will not shatter, but be held by the film insert.



Furniture Fade

'Ultra4' helps reduce colour fading

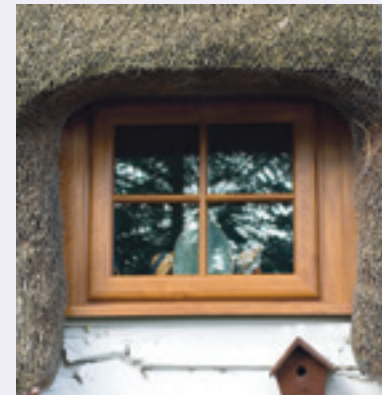
Fabrics on furniture, Curtains and Carpets fade when exposed to the sunlight. This is caused by the Ultra Violet rays from the sun. 'Ultra4' is designed to block 99.6% of these UV rays which cause such damage to your fabrics, thus allowing them to remain fresh looking and so longer lasting.

Choices

Offer a range of glazing enhancements to create modern and traditional looks with the addition of Georgian, Astragal or leadwork options.

Glazing Enhancements

Astragal Bars



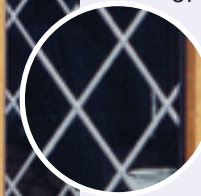
Available in a range of colours. Externally and internally fitted giving an authentic look and feel to any window, door or conservatory.



Diamond Leadwork



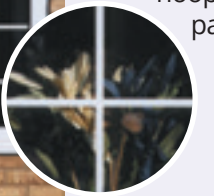
Handcrafted in lead. Patterns available in diamond, rectangular Queen Anne and a variety of designs.



Internal Georgian Bars



Internally fitted bars available in 18 or 25mm. Various styles include single bars, curved hoops and grid pattern.



Square Leadwork



Handcrafted in lead to create grid or border patterns.



Obscure Glass



Different patterns to choose from with various levels of obscurity.



PRODUCT GUIDE 2019

PVCU • ALUMINIUM • TIMBER

The *Choices* brand



- ✓ Family Run Since 1970
- ✓ Finance Available
- ✓ No Obligation Quotes

- ✓ Vast Range of PVCU, Aluminium & Timber Products
- ✓ Composite Solidors

- ✓ Bi Folding Doors
- ✓ After Sales Service
- ✓ And Much More!

Our Guarantee to you

To give you peace of mind here at Shaws we are so confident in our products and installation that we offer you a 10 year Guarantee as standard.

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266, Upper Shoreham Road, Shoreham-by-Sea BN43 6BF
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