

Consort *fs*

fully sculptured windows & doors



elegant
Robust
affordable
windows & doors

Specification Guide

You want innovation, service and quality with guaranteed deliveries

we **Consort** **it!**

Consort *fs*

fully sculptured windows & doors

Incorporating all the best features of PVC-U, the new **Consort *fs*** integrated system is a new generation **70mm lead free profile**, combining the best of style and performance. Proving that beauty can be more than just skin deep, this innovative new profile, which has the highest attainable BSI Class 'A' specification, combines strength and value for money with a truly elegant new sculptured appearance, following the lines of many timber designs.

Available in a full range of sizes, all with totally integrated system features, the new **Consort *fs*** range will revolutionise the way you think about windows and doors.

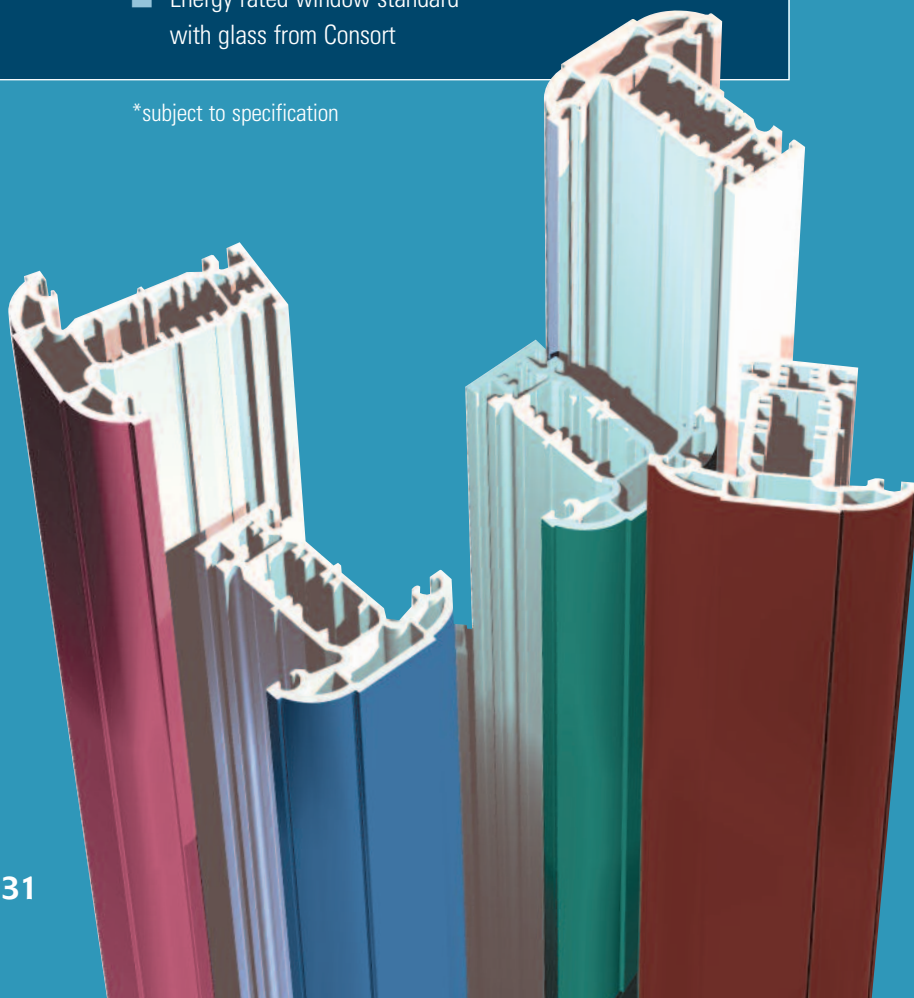
The beauty of **Consort *fs*** goes far beyond its striking good looks; it also represents a completely new approach to what the specifier, fabricator, installer, housebuilder and end-user should expect from such an advanced system.

- Environmentally friendly **lead free** 70mm profiles
- Internally glazed for extra security and ease of unit replacement
- BS 'Class A' specification profiles (highest attainable)
- Casement windows – Secured by Design. Police preferred initiative*
- New superb slimline french doors – **fs**
- New fire escape easy clean windows – **fs**
- Made to BSI specification
- Low sightline gaskets add to the frame's sleek appearance
- Available in Green, Black, Grey, Ivory, Irish Oak, Rosewood and Cherrywood as well as all white
- Painted colours available
- Casement horns available where a traditional or classical appearance is required
- Achieves a U value of 1.6W/m²k when glazed with 28mm Low E sealed units with aluminium spacer bar argon filled cavity*
- Energy rated window standard with glass from Consort

*subject to specification

Contents

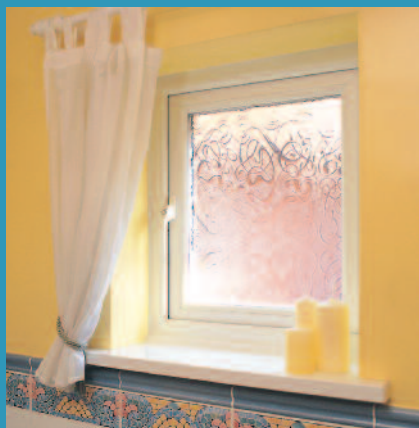
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elegant **Robust** *Affordable*

- and that's just the **window frame**

When we set about adding a new beauty to the most respected profile system in the history of PVC-U, we didn't take our job lightly.



We knew it had to be much more than just slim and shapely it had to help the fabricator stay lean and mean too, with a whole host of features and innovations to make manufacture an altogether smoother and more efficient business.

Need we add that its sleek good looks will make it a winner with housebuilders and homeowners too.





Coloured Frames

Fully Sculptured Profile - Painted





A whole new dimension has now been added to the already sleek and truly elegant appearance of the *Consort fs* integrated system... **COLOUR!**

Not just a single colour, but a vast range, from subtle greys and greens to deep blues, bright reds and even black and metallics.

At the cutting edge of paint technology, a brand new, environmentally friendly paint shop has been installed in our Nottinghamshire factory, staffed with fully trained personnel, to bring you this latest innovation in PVCu.

The complete frame or door is sprayed using a unique coating system, specially formulated to chemically bond with the substrate to form a permanent coating of superior durability and retention of hue and gloss.

With a 10-year adhesion guarantee, this highly durable finish will not crack, flake or peel as it retains sufficient flexibility to move with the material to which it is applied. Thoroughly tested throughout Europe for over 10 years, this advanced colour system has proven resistance to all weather conditions, including salt water.

Virtually fade free, even on browns and reds, this incredible coating is also UV stable, so your customers can bring colour back to their homes, with all the quality, low maintenance, style and benefits of *Consort fs*...



Guaranteed Resistance to:

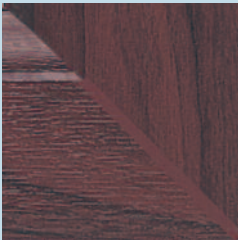
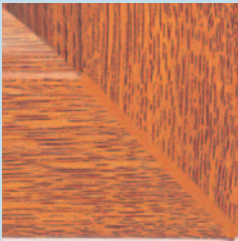
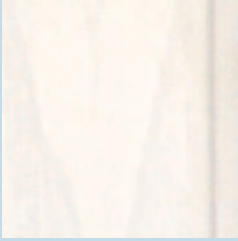
- Weather
- Water
- Alcohol (50%)
- Scratches
- Spirits
- Salt



Coloured Frames

Fully Sculptured Profile - Foiled





- Externally - a slightly textured, coloured foil giving the effect of painted wood
- Internally - clean white profile
- Available in Green, Black, Grey, Ivory and Irish Oak
- Also available in all White, Cherrywood and Rosewood effect, which can be specified both internally and externally

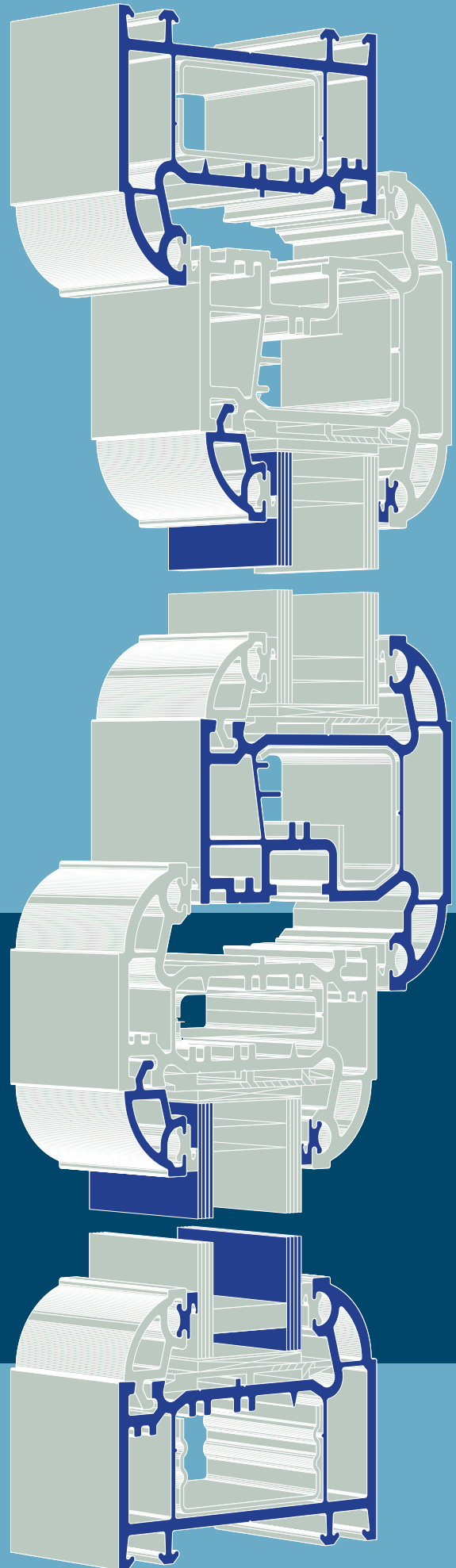




Internally Beaded Casements

Fully Sculptured Profile





- Alternative outer frame sizes and transom/mullion available
- An ideal window for all applications available in a full range of styles and sizes
- 70mm front to back multi-chambered profiles
- Available in all white, green, black, grey, ivory, rosewood, cherrywood, Irish oak and foiled white
- Painted colours available



Fire Escape Windows

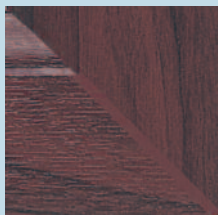
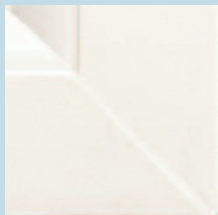
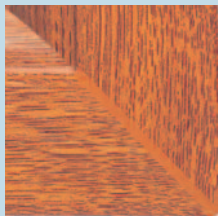
Fully Sculptured Profile



Position One
Fire Escape



Position Two
Easy Clean



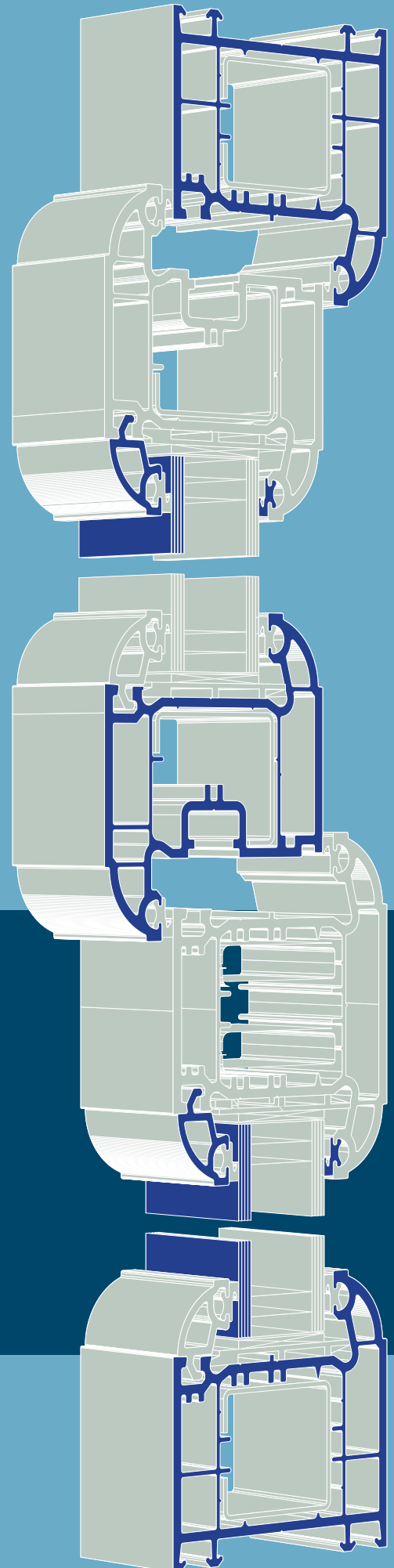
- Two windows with two handles
- Slimline profile
- 70mm front to back multi-chambered profiles
- Locking mechanism –
Master: two shoot bolts and four mushrooms
Slave: handle operated shoot bolts
- Sliding hinge mechanism for easy cleaning to both windows
- Available in all white, green, black, grey, ivory, rosewood, cherrywood, Irish oak and foiled white
- Painted colours available
- Full range of sizes available



Tilt & Turn Window

Fully Sculptured Profile





- Alternative sizes of outer frame and transom/mullion available
- An ideal window for many different types of installation from high rise blocks to domestic houses
- Features include the ability to clean the outside glass from indoors and the ventilation benefits while in the tilt position
- 70mm front to back multi-chambered profiles
- Available in all white, green, black, grey, ivory, rosewood, cherrywood, Irish oak and foiled white
- Painted colours available



- Sash rotates 360°
- Easy cleaning of all surfaces from the inside
- Two restricted opening positions for ventilation
- Smooth, easy operation
- Multipoint locking system
- Low maintenance
- Available in rosewood, cherrywood and all white
- Painted colours available

Reversible Window





- High Security Three Chambered system (most have two)
- Ovolo Design
- Rolled in gasket
- Triple seals
- 24mm Clearline glazing
- All the hardware picks up reinforcing
- Equal sightlines
- Coupling system
- Choice of hardware colour
- Decorative horns
- Low maintenance
- Easy cleaning
- Specially designed steel enabling window sizes up to 1500 x 2800mm to be manufactured
- Available in rosewood, cherrywood and all white
- Painted colours available

Vertical Slider

Fully Sculptured Profile

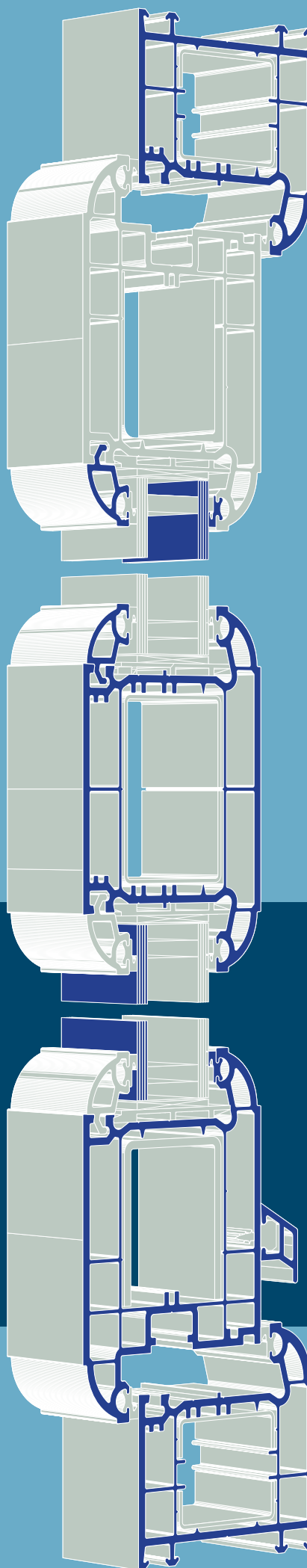




Single Residential Door

Fully Sculptured Profile





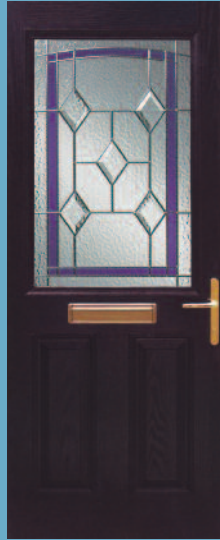
- Alternative sizes of outer frame and transom/mullion available
- Ideal in both domestic and commercial applications, including sheltered housing
- Available in single or double, sidelights and fanlight combinations
- 70mm front to back multi-chambered profiles
- Available in all white, green, black, grey, ivory, rosewood, cherrywood, Irish oak and foiled white
- Painted colours available
- Available inward or outward opening
- Available internally beaded



Composite Door

Fully Sculptured Profile





- Secured by Design – police preferred specification
- Multipoint Locking System – 5 point locking system with hooks and roller cams
- Unique fully adjustable hinges rebated into door for discreet and perfect fit
- Triple sealed – giving double the weather protection of a standard flush door
- Low threshold – severe weather rated and for easy access
- Maintenance free – just wipe clean and never needs painting

- Traditional wood appearance – will enhance any new or traditional home
- Solid CFC free foam core – exceptional strength giving 6 times the insulation and sound proofing of a standard timber or PVCu door
- Solid door or glazed – plain, obscure, decorative bevelled or coloured glass options available
- Colours and woodgrains available – white, red, blue, green, black, Cherrywood and Rosewood
- Accessories – door handles, knockers and letterboxes available in gold and silver to compliment your home

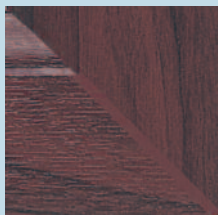
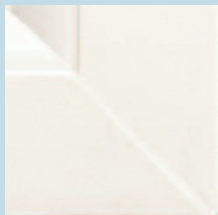
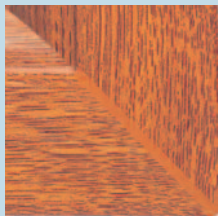




Slimline Double Doors

Fully Sculptured Profile





- Alternative sizes of outer frame and transom/mullion available
- Slimline profile
- 70mm front to back multi-chambered profiles
- Locking mechanism –
Master: two hooks, two rollers, two shoot bolts, latch and deadbolt
Slave: handle operated, two shoot bolts
- Available in all white, rosewood, cherrywood, Irish oak and foiled white
- Painted colours available
- Available inward or outward opening
- Available internally beaded

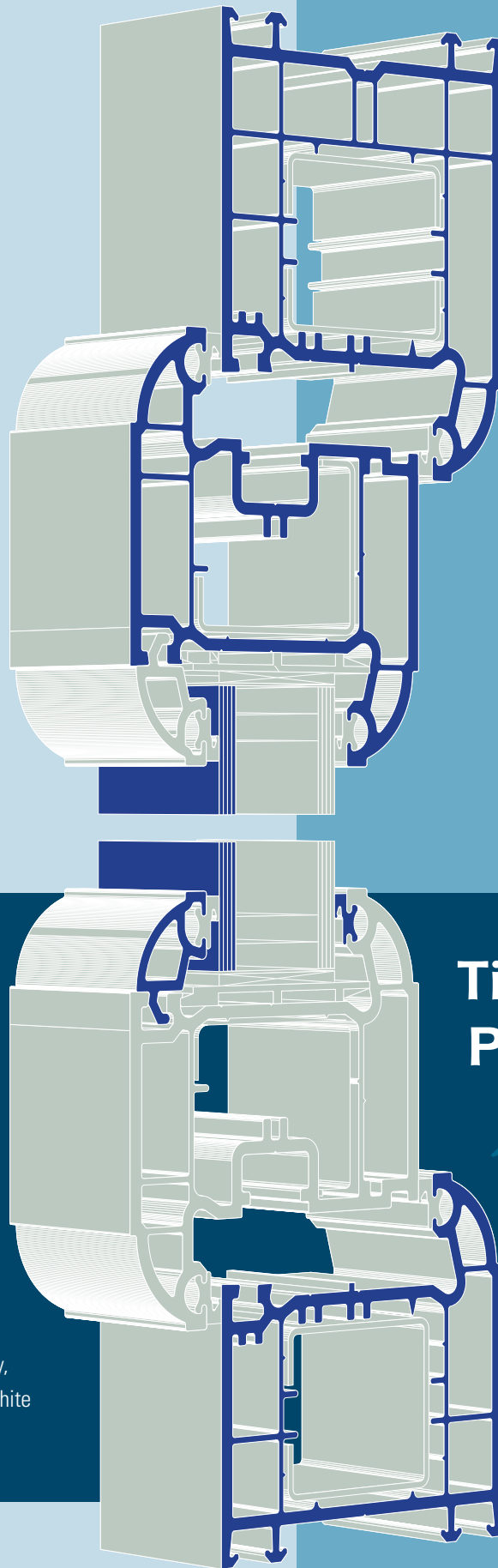


- 'Traditional' Stable Door in PVCu
- Top and bottom sections both lock
- Available inward or outward opening
- Low threshold
- Multipoint locking system
- Low maintenance
- Available in all white, green, black, grey, ivory, rosewood, cherrywood, Irish oak and foiled white
- Painted colours available

Stable Door

Fully Sculptured Profile





- Alternative sizes of outer frame available
- An ideal door for many different types of installation from high rise blocks to domestic houses
- Available in a full range of styles and sizes including combinations of fixed and opening lights
- Features include the ventilation benefits while in the tilt position
- 70mm front to back multi-chambered profiles
- Available in all white, green, black, grey, ivory, rosewood, cherrywood, Irish oak and foiled white
- Painted colours available

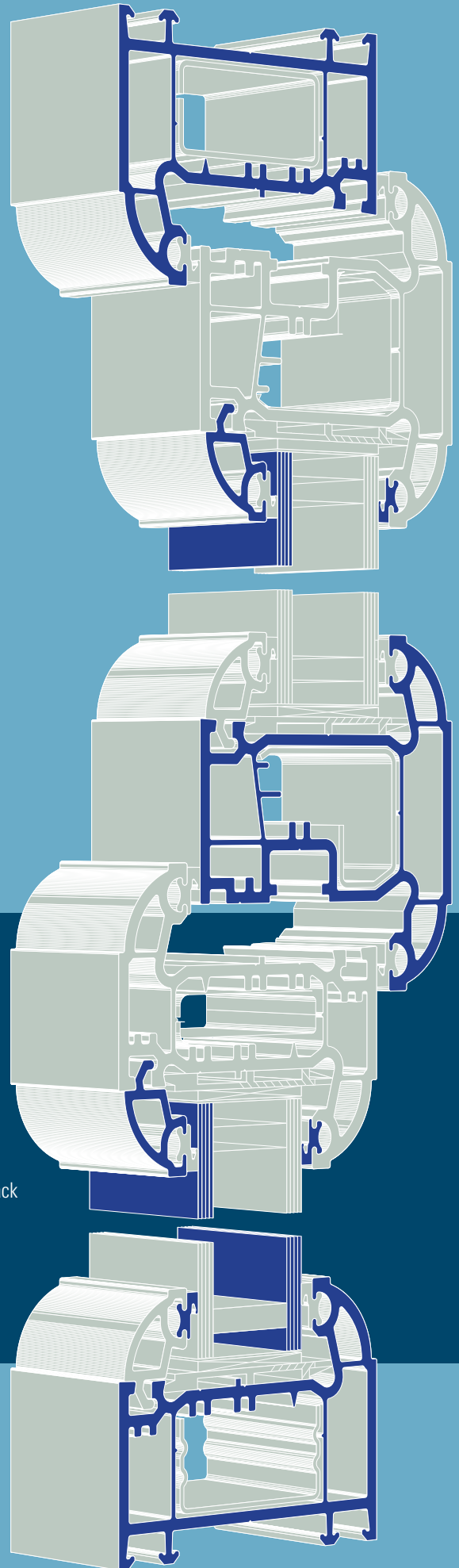
Tilt & Slide Patio Door

Fully
Sculptured
Profile



Multilock
Fully Sculptured Profile





- Secured by Design - Police preferred specification
- Multipoint locking system to satisfy BS7950 security standard
- Easy, smooth, simple and secure
- Robust, durable and corrosion resistant for long life
- Marine specification for enhanced corrosion protection with 10 year Guarantee
- Fully tested, heavy gauge materials and fixing points protect against attack
- Eccentric 7.8mm or 9mm mushroom cams allow weatherseal pressure adjustment
- Unique design with patent pending



Conservatories

Fully Sculptured Profile





Transform your living space and aspire to the grandeur of something completely unique.

Historically, Orangeries were luxury out buildings or extensions used for growing oranges, exotic fruits and trees in winter. Today an Orangery provides a stunningly attractive and seamless extension to your home, that can be used as a kitchen extension, dining room, home office or extra living space for relaxation or entertainment.

The most traditional style of Orangery, and the most expensive, uses traditional materials such as brick or stone pillars between large windows to support the atrium style roof. As an alternative, using modern design and cutting edge technology, it is now possible to create this unique styling using PVC-U and aluminium. The exclusively designed and innovative Consort Load Bearing Corner Posts, make it possible to create a beautiful Orangery with a traditional brick base. With the atrium style roof and concealed lighting adding dramatic impact and a quality feel, an Orangery is the perfect option to bring light, warmth and an immense feeling of space to this and adjoining rooms.

All the benefits of a conservatory plus much, much more.



Orangeries

Fully Sculptured
Profile





Invictus Fire Door

- FD30s rated, 30 minutes protection in accordance with BS476 Part 22
- Intumescent Strips throughout
- 7mm Georgian Wire Cast Pyroshield 2 Glass to outer pane of 26mm sealed unit
- 5 Classic Styles available in 4 colours

- 'A' Rated as standard for outstanding thermal performance
- Manufactured in UK to highest quality under ISO9001
- Superior energy efficient performance with U values as low as 0.8m²K
- Energy efficient low threshold - severe weather rated and for easy access
- Steel reinforced doorframe, 70mm PVC-U profile extruded to BS EN12608 specifications
- Multipoint locking system - 5 point locking system with hooks and roller cams
- Double seal to give increased weather performance and protection against water penetration
- Solid door or glazed – plain, obscure, decorative bevelled or coloured glass options available
- Available in all white, green, black, red, dark blue, Rosewood and Golden Oak
- Improved Sound Insulation
- Laminated and toughened glass, triple glazed sealed units

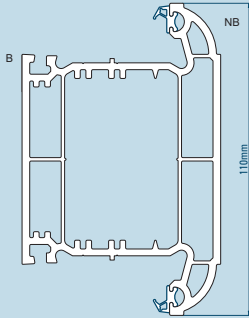
Invictus

68mm Double Rebated Composite Door

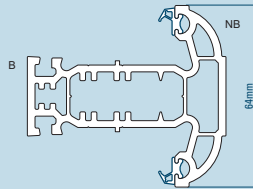


Fully Sculptured Profile

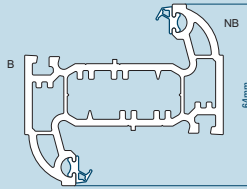
Transoms & Mullions



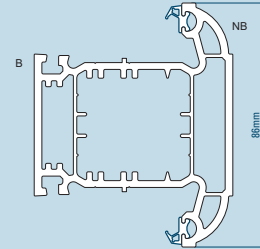
110mm Midrail 102.264
Box Steel Reinforcement 113.376
Ported Aluminium Reinforcement 115.286



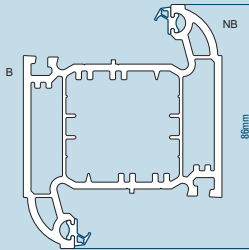
64mm T Mullion 102.261
Box Steel Reinforcement 113.041
U Channel Steel Reinforcement 113.321
Ported Aluminium Reinforcement 115.284



64mm Z Mullion 102.260
Box Steel Reinforcement 113.041
U Channel Steel Reinforcement 113.321
Ported Aluminium Reinforcement 115.284

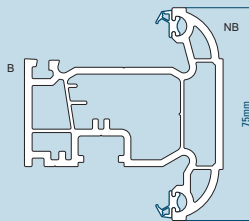


86mm T Mullion 102.263
Box Steel Reinforcement 113.041
U Channel Steel Reinforcement 113.321
C Steel Reinforcement 113.378
Cranked Steel Reinforcement 113.371
Ported Aluminium Reinforcement 115.285

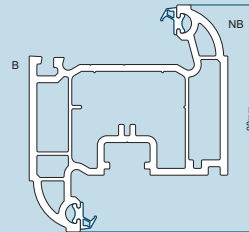


86mm Z Mullion 102.262
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U Channel Steel Reinforcement 113.321
C Steel Reinforcement 113.378
Cranked Steel Reinforcement 113.371
Ported Aluminium Reinforcement 115.285

Window Sashes

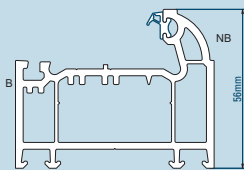


75mm Casement Sash 103.264
Steel Reinforcement 113.372

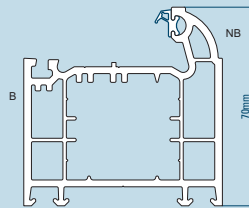


80mm Tilt & Turn Sash 103.267
Steel Reinforcement 113.373

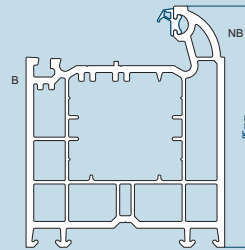
Outer Frame



56mm Outer Frame 101.160
Steel U Channel Reinforcement 113.317



70mm Outer Frame 101.161
U Channel Steel Reinforcement 113.321
C Steel Reinforcement 113.378
Cranked Steel Reinforcement 113.371



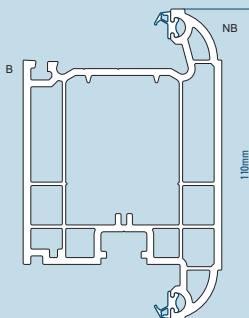
85mm Outer Frame 101.162
U Channel Steel Reinforcement 113.041
C Steel Reinforcement 113.378
Cranked Steel Reinforcement 113.371

Beads

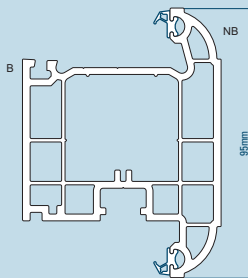


28mm Glazing Bead
Co Ex 107.155

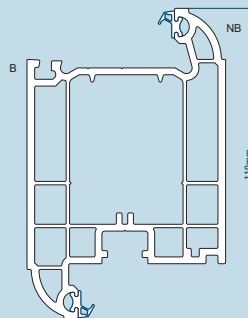
Door Sashes



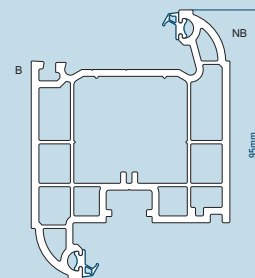
110mm T Residential Door Sash 105.169
Box Steel Reinforcement 113.231
U Channel Steel Reinforcement 113.320
Prepared U Channel Steel Reinforcement 113.318



95mm T Double Door Sash 103.266
U Channel Steel Reinforcement 113.375
Prepared U Channel Steel Reinforcement 113.374

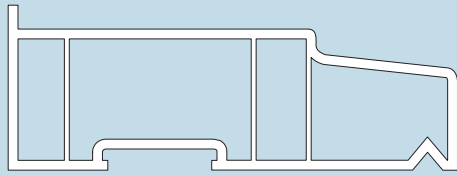


110mm Z Residential Door Sash 105.168
Box Steel Reinforcement 113.231
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95mm Z Double Door Sash 103.265
U Channel Steel Reinforcement 113.375
Prepared U Channel Steel Reinforcement 113.374

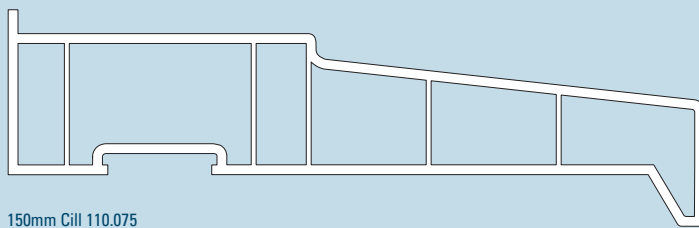
Fully Sculptured Profile - Ancillaries



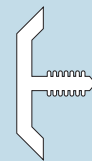
95mm Cill 110.074



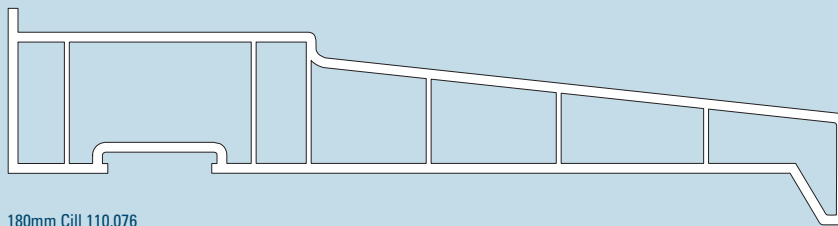
6mm Slide in AL 10



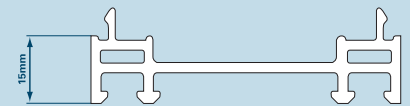
150mm Cill 110.075



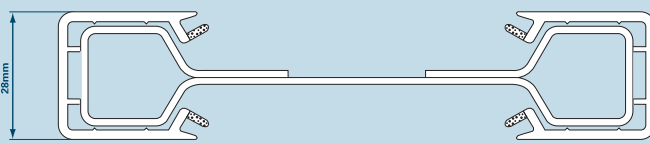
Cover 002 (Qty 2)



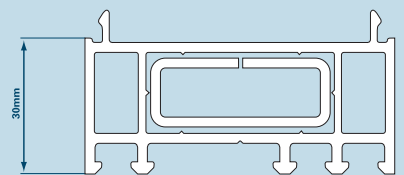
180mm Cill 110.076



15mm frame extension 114.028



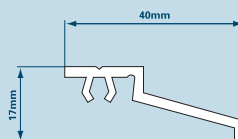
Dog Bone Coupling 113.112
Cover 116.012



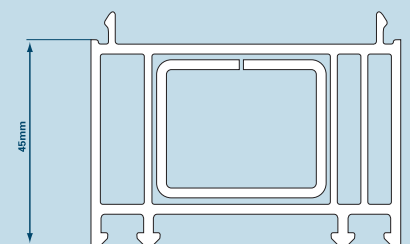
30mm frame extension 114.014
Reinforcement 113.028



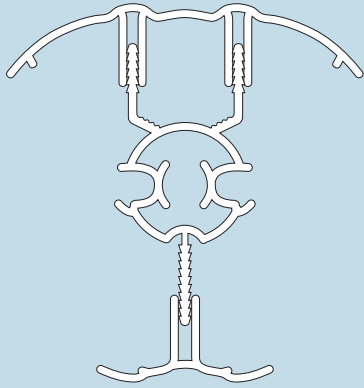
Coupling 116.005



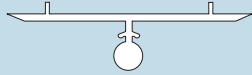
Snap On Head Drip 109.230



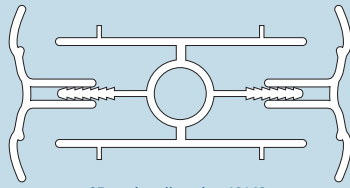
45mm frame extension 114.202
Reinforcement 113.271



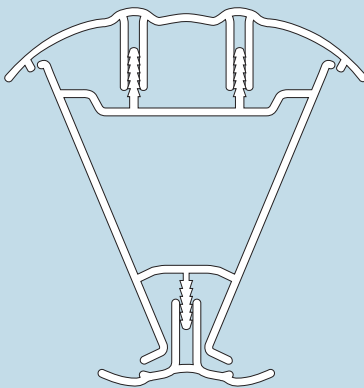
Loadbearing Variable Pole 10145



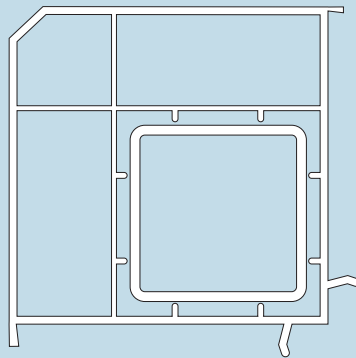
Variable Pole Adapter 10146 (Qty 2)



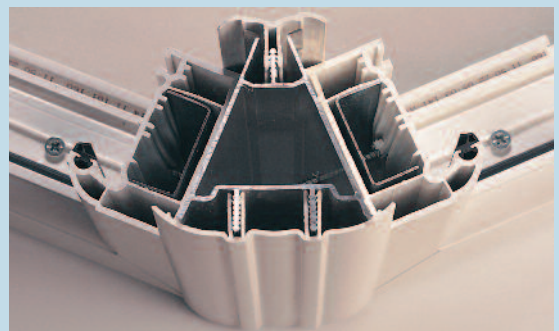
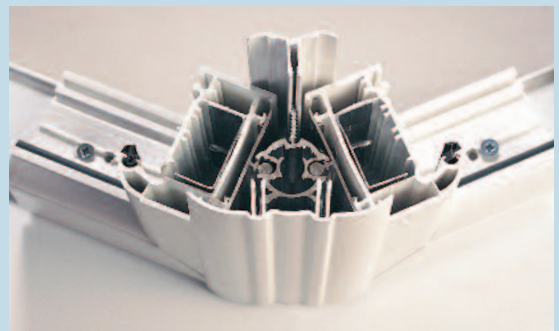
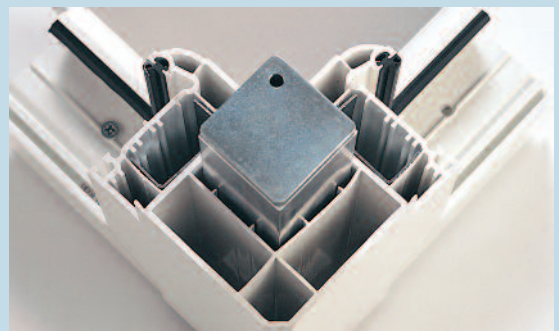
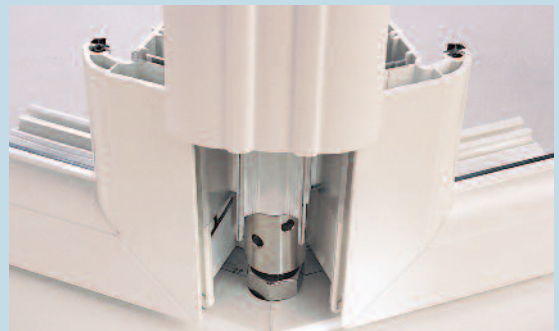
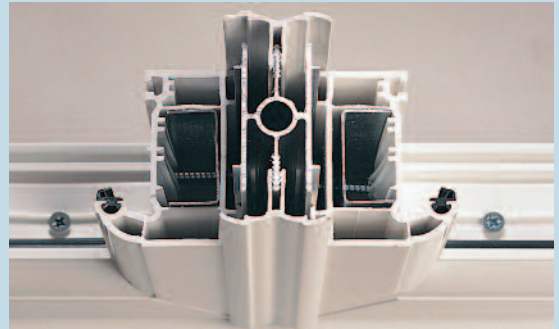
25mm Loadbearing 10148



135 Degree Fixed Corner Post 10147
External Cover 10141
Internal Cover 10138



90 Degree Corner Post 116.200
Aluminium Reinforcement AL 16



BRITISH STANDARDS INFORMATION

BS 7412 - PVCu Windows

Kitemark Licence No: KM 33686. Applies to factory glazed frames only.

BS 7950 - PVCu Windows

Kitemark Licence No: KM 61727. Enhanced Security.

BS EN ISO 9001 - Quality Management System

Certificate No: FM 29754.

PAS 23, general performance for doors and **PAS 24**, enhanced security for doors has been achieved by our single residential door, composite door and double doors*. Certificate No: KM 85377.



BS 7412
KM 33686



BS 7950/7412
KM 61727



PAS 23-1
PAS 24-1
KM 85377



FM 29754



Police Preferred Specification



BBA APPROVAL
RESISTANCE TO
FORCIBLE
ENTRY

Consort PVCu Windows are classified and specified for weather tightness in accordance with BS 6375 Part 1.

*subject to specification



elegant
Robust
affordable
windows & doors



Consort Limited,
Units 1-4 Export Drive, Huthwaite, Sutton in Ashfield,
Nottinghamshire NG17 6AF

Tel: 01623 440 880 Fax: 01623 440 396

Email: info@consortwindows.com

www.consortwindows.com



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