

*imagine*  
BI-FOLD DOORS



Part of the Genesis range of quality products by

**BISON**



*imagine*

Part of the Genesis Range of quality products by Bisons



Open your world  
and give yourself  
space to live.

Imagine a garden party where you could relax in the comfort of your favourite armchair and still feel part of the fun. Imagine a gentle summer breeze carrying the scent of freshly-cut grass into your home.

At Bison we pride ourselves on going beyond the simple definition of 'indoors' and 'outdoors', thinking our way past walls and windows to imagine a space that is the very best of both. Our range of Imagine Bi-Fold Doors is designed to fully open up your room to the garden, creating an entirely new living space that is neither 'in' nor 'out', but that combines the best attributes of the two. Imagine Bi-Fold Doors not only fill your home with a sense of light and space, but bring a new dimension of style, improving both the environment of your room and – more importantly – the way you feel within it.



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Bi-Fold Doors are an innovative way to transform your room into something truly unique.

The new **Imagine Bi-Fold Door** is a complete step change. Launched by the UK's leading designer and manufacturer of window and door systems - The VEKA UK Group - the attention to detail in this range is unparalleled. Its aesthetics, security measures, design flexibility and a robust insurance guarantee all combine to make it a world-class product.

Blurring the lines between where a home ends and a garden begins, **Imagine Bi-Fold Doors** create unique living spaces as versatile as they are beautiful. They are a stunning alternative to French or Patio Doors and can be installed so that the doors sit inside or outside the property when folded back - the choice is yours. Of course, as well as being a beautiful way to bridge the gap between your home and garden, they can also be used to separate rooms within your home creating a truly unique and adaptable space.



The **Imagine Bi-Fold Door** makes an attractive alternative to a traditional sliding patio door; completely opening your home up to the garden or patio.



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a stunning, light-filled living space in your home.

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## Let the warmth in, keep the cold out

Our **Imagine** range of Bi-Fold Doors is designed to offer you the perfect door for all seasons. In summer, cast them wide and let the fresh air in; in winter, seal them tight and cosy up in the warmth without ever losing your stunning view.

Come rain or shine, the **Imagine** range affords you a warm and comfortable space with complete weather protection. The **Imagine Bi-Fold Door** achieves a DSER 'A'-rating, which is the highest energy efficiency rating available for doors. This door can be specified with triple glazing and can achieve an impressive U-Value of below 1.0 (the lower, the better) meaning that **Imagine Doors** are outstandingly good at keeping the warmth in and the cold out.

### What's a 'U-Value'?

A U-Value is a measure of heat loss. It demonstrates how well parts of a building transfer heat. This means that the lower the U-Value, the better the thermal performance of the window or door.

With a U-Value of less than 1, you can see that the **Imagine Bi-Fold Door** conserves energy very successfully!

This is good news for you and your savings, as it means less heat escapes through these doors when closed - so you don't need to worry about spending as much on your energy bills.



## Pick a colour

There is a huge range of colours and woodgrains for you to choose from for your **Imagine Bi-Fold Door**. You might choose to go for classic style in Cream or White, or lean toward more modern and contemporary aesthetics with timeless Black. You could even put a stamp of your own personality on the door with Green or Blue tones.

Our woodgrain effects are some of the most realistic in the industry, meaning they are virtually indistinguishable from real timber.

Work with your installer to select the perfect colour or woodgrain so you can be sure that the result is a stylish door as unique as you and your home.

Your installer will show you the many colours and woodgrains available and advise on the best option for your home, but ultimately the choice is yours!



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The bespoke security features incorporated into our **Imagine** range of Bi-Fold Doors make them a safe bet.

## A door as safe as houses

The **Imagine Bi-Fold Door** has been meticulously designed to make it one of the most secure systems around. Its carefully engineered features offer smooth operation when opening, shutting and locking. Again, these doors offer the very best of both worlds – good looks combined with the ultimate in security to keep your home safe, sound and stylish.

To design the hardware and security features for the **Imagine** range, The VEKA UK Group partnered with ERA, who have been securing the UK's homes for more than 150 years.

Designed to meet the stringent security requirements of **British Standard PAS 24**, the range's multi-locking system is extremely advanced. The range is also approved by the highly respected Police security initiative '**Secured by Design**' which is managed by the Association of Chief Police Officers. This is a highly coveted award only given to those products which have been designed to a level of security which 'designs out crime.'

Deeper lock depths and a choice of three different thresholds (including one that is Part M compliant) combine to make **Imagine Bi-Fold Doors** extremely secure. Using a combination of locks – espags and shootbolts – and a larger lock gap, the whole system could not make your home more protected.



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## The ERA five star guarantee



By fitting high-security ERA components on our range, we are proud to be able to cover our products with the UK's most comprehensive home security guarantee.

Five major benefits to homeowners:



### Savings on the cost of your home insurance

Fitting doors with the highest levels of security means you can save money on your home insurance, year after year. Most insurers recognise that having high security hardware on your doors and windows reduces the risk of forced entry, therefore resulting in reduced premiums.



### 24/7 help

The Five Star Guarantee gives you access to a FREE call out service that operates **24 hours a day, 365 days a year.**

You will have the reassurance of knowing that in the unlikely event of a forced entry through an **Imagine Bi-Fold Door**, someone will always come to secure your property.



### Up to £1,000 excess paid

The quality and reliability of our components and the security provided by them is such that we guarantee them against forced entry for 10 years. We will even pay the excess on any home insurance claim due to the failure of one of our products – so you can rest assured that you're covered.



### Up to £1,000 towards a repair or replacement

We are so confident that the **Imagine Bi-Fold Door** will outwit any would-be burglars that, if the door fails, we will pay up to £1,000 towards the cost of replacing or repairing it.



### A £1,000 cheque to compensate you

In the unlikely event of a break-in succeeding through the failure of an **Imagine ERA Five Star Guaranteed door**, you will be given a cheque for £1,000 to compensate you for the inconvenience caused.

Simply choose the **Imagine** range and automatically provide yourself with up to £5,000 of benefits.



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# Imaginative design options

For the very first time, the VEKA UK Group is also supplying the hardware for this product – developed in conjunction with ERA and bespoke for the **Imagine Bi-Fold Door**.



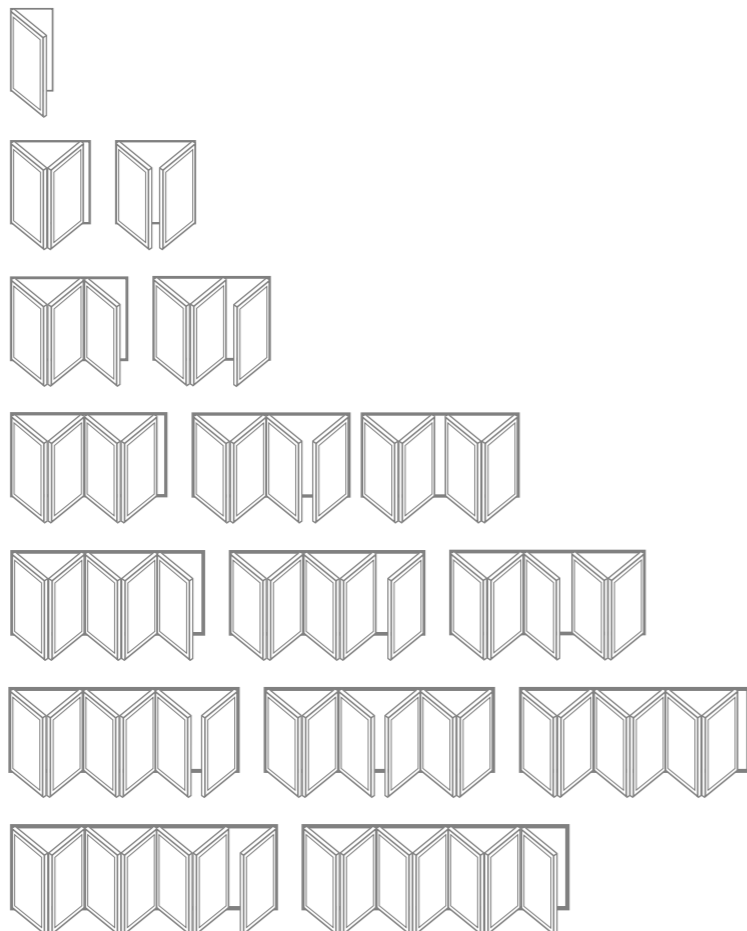
**Imagine Bi-Fold Doors** are available in a range of 16 different configurations as shown – the choice is yours!

Innovative Bi-Fold Doors designed from the ground up.

Available in 16 door style configurations.

The VEKA UK Group's **Imagine Bi-Fold Door** range offers three threshold options (standard outerframe, low threshold and ultra-low internal room divider) and the choice of sculptured or bevelled sashes and glazing beads.

Doors can be up to 6 metres wide with a sash width of up to 1 metre – meaning less profile, more glass and slimmer sightlines. **Imagine Bi-Fold Doors** can be made taller or wider to your specifications.



## Smooth operator

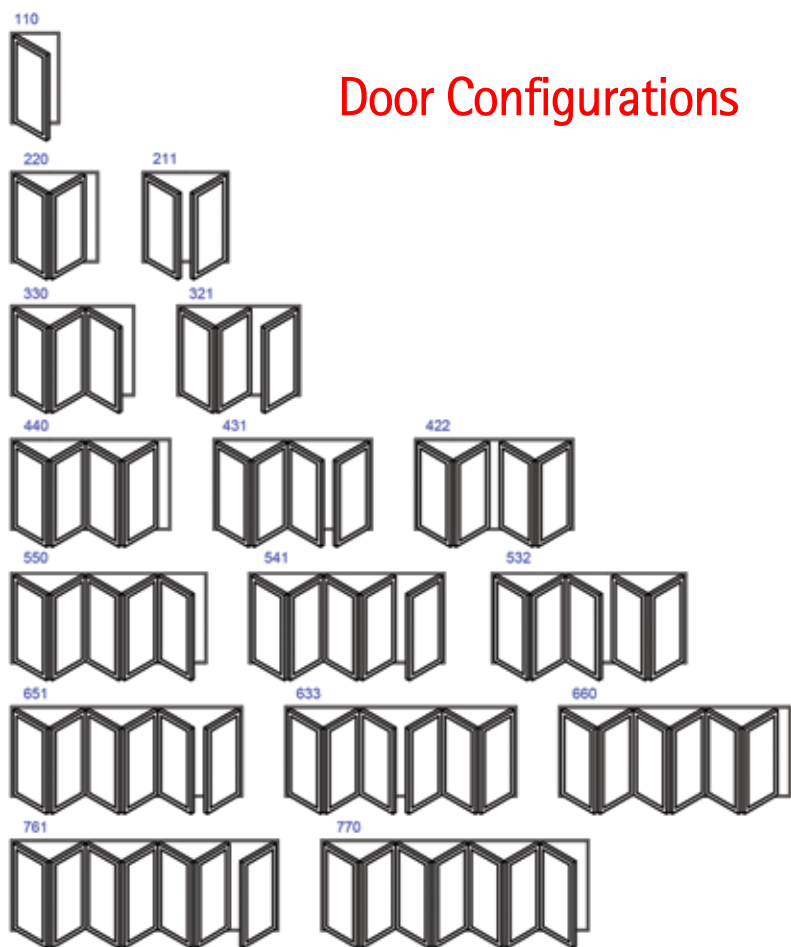
The designers of the **Imagine Bi-Fold Door** went back to the drawing board with this system, making a 'wish list' of features it should include ...and they didn't rest until they were entirely happy with the results.

One of the priorities for this door was that it should be engineered with such precision, that it would slide smoothly with only the lightest touch. It glides effortlessly back and forth and has been designed to offer the continuous perfect performance for many years to come.

Fully adjustable hinges and reversible guide wheels are just two of the many details that make this an industry-leading door system.

The **Imagine Bi-Fold Door** showcases an impressive level of attention to detail, including the premium quality magnets that keep the doors in place and prevent them creeping back when opened. Handles are low profile so sashes collect virtually flush against each other, meaning minimal loss of space.

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## Door Configurations

Maximum door width is 6000mm  
Maximum door height is 2400mm  
Maximum sash width is 1000mm  
Most common configurations are 3-3-0, 3-2-1 and 4-3-1

The number sequence is expressed as viewed from the outside, with number of sashes in total - number of folding sashes to the left - number of folding sashes to the right.

### Imagine Bi-Fold Door Indicative Thermal Performance

The results quoted here are indicative ratings produced in-house by the VEKA Technical department.

#### Example One

28mm, 4-20-4 double glazed

1 leaf low iron glass

1 leaf soft coat

Warm edge spacer

Argon fill

Whole door U-Value = 1.35W/m<sup>2</sup>k

Indicative DSER Rating = A 2

#### Example Two

44mm, 4-16-4-16-4 triple glazed

2 leaves float glass

1 leaf soft coat

Warm edge spacer

Argon fill

Whole door U-Value = 1.13W/m<sup>2</sup>k

Indicative DSER Rating = A 4

#### Example Three

44mm, 4-16-4-16-4 triple glazed

1 leaf float glass

2 leaves soft coat

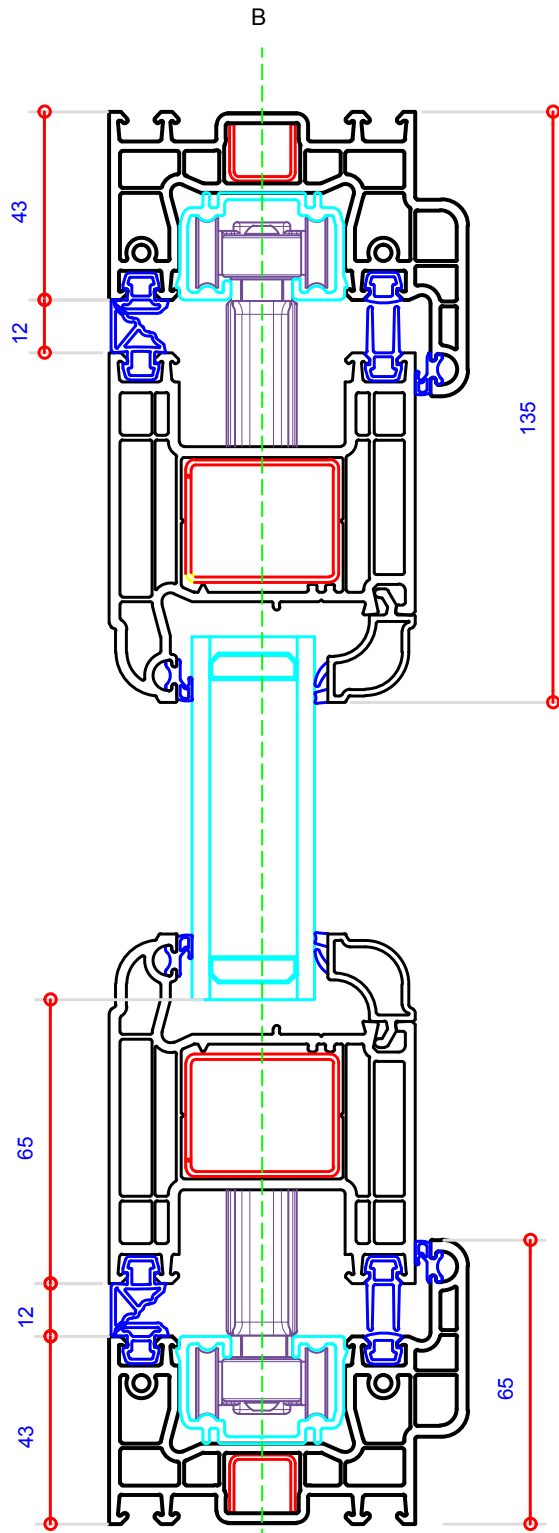
Warm edge spacer

Argon fill

Whole door U-Value = 0.94W/m<sup>2</sup>k

Indicative DSER Rating = A +13



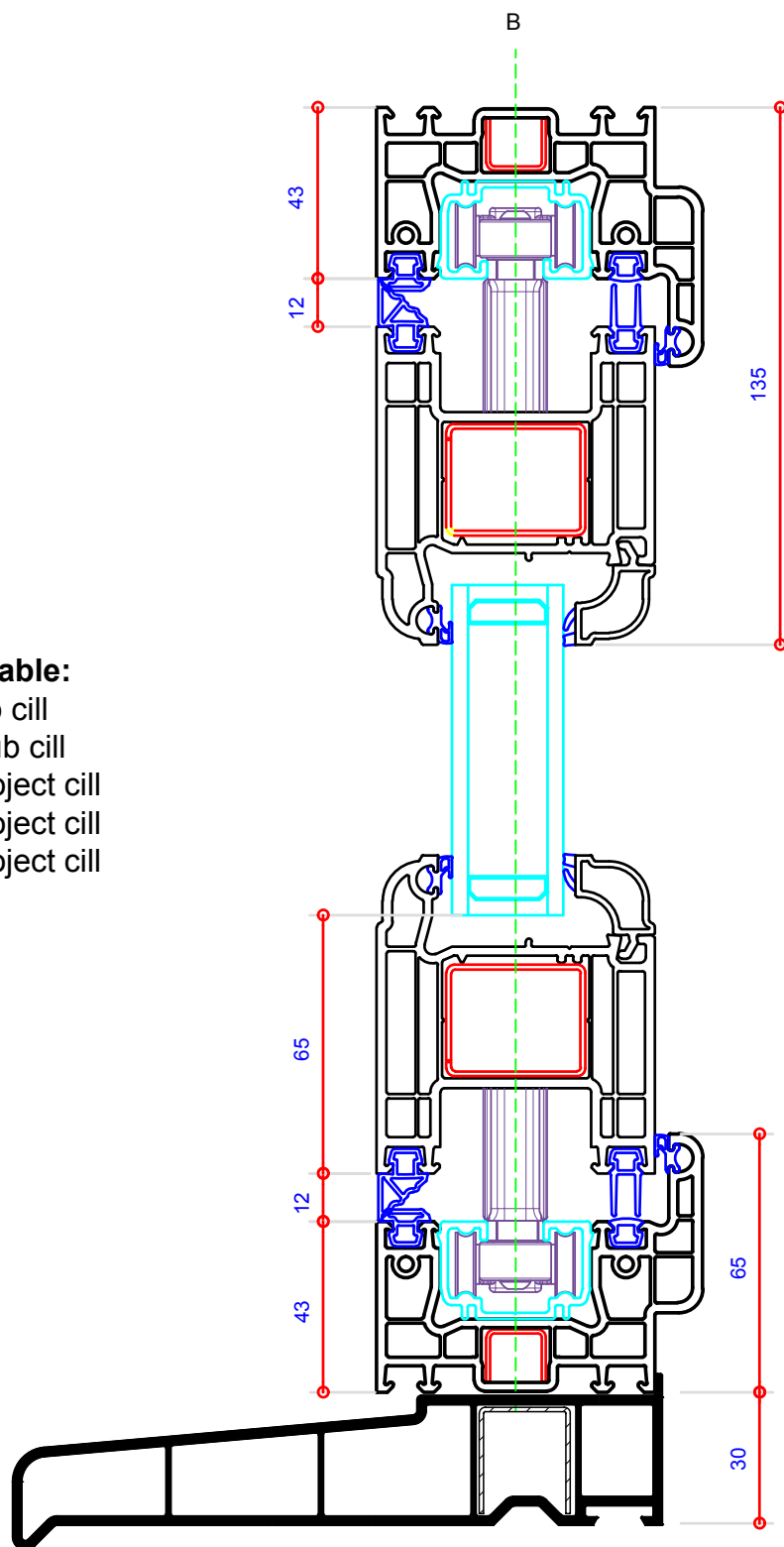


65mm Outer frame 80mm  
Feature Sash

105174

105175



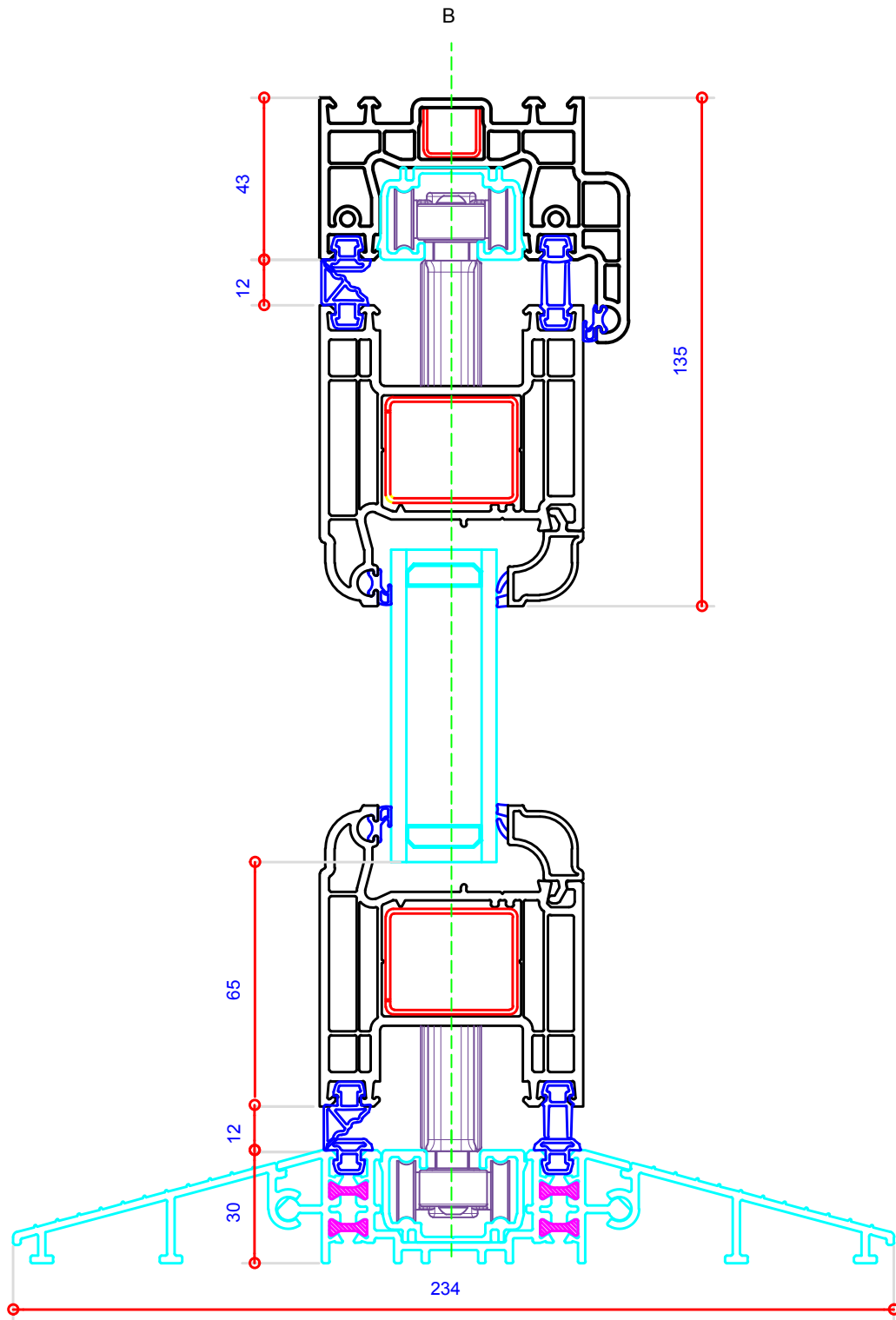


**Cills Available:**

- 85mm stub cill
- 110mm stub cill
- 150mm project cill
- 180mm project cill
- 225mm project cill

65mm Outer frame	105174
80mm Feature Sash	105175
150 Project Cill	

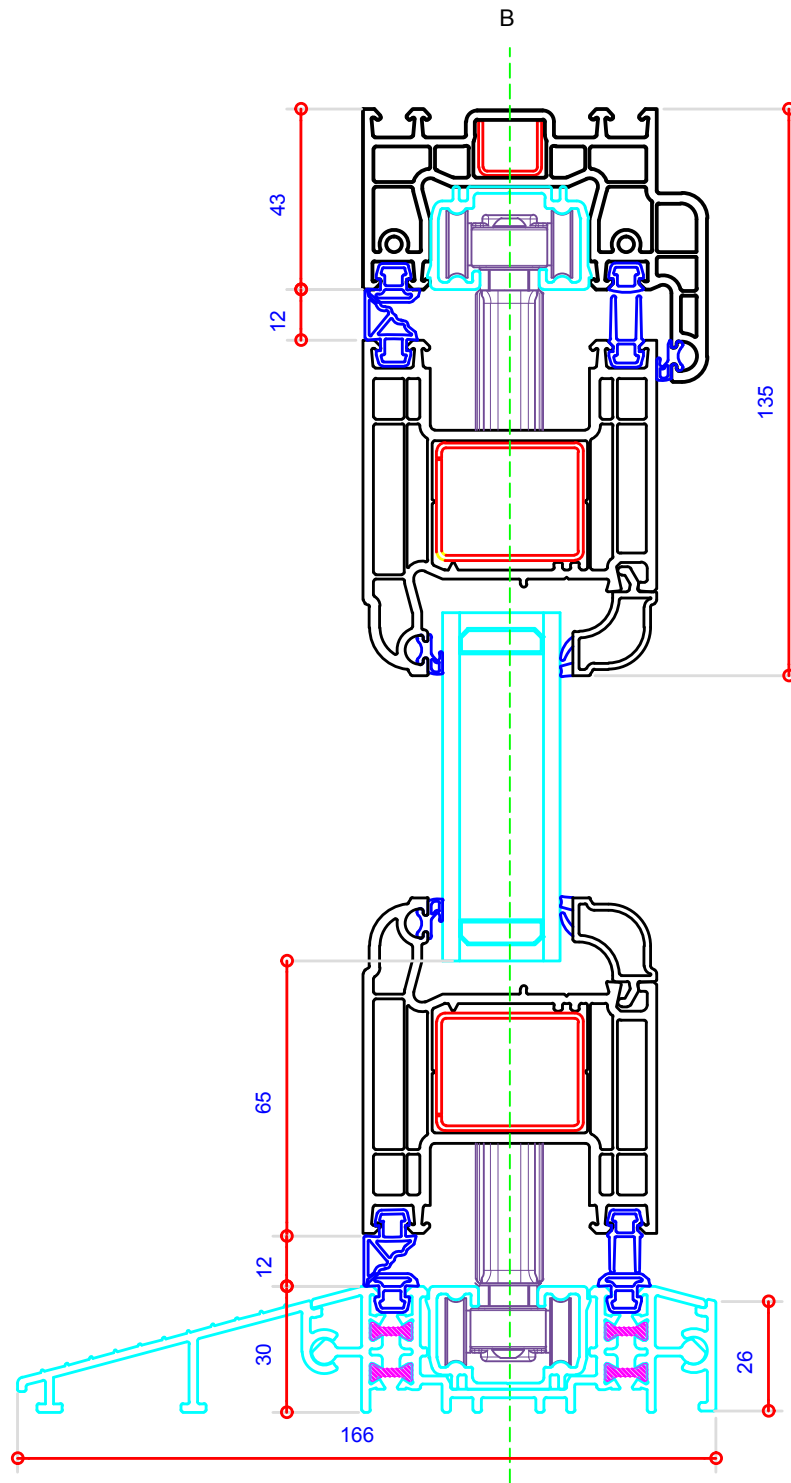




Low Threshold	104392
(2x) Threshold Ramp 80mm	104391
Feature Sash	105175



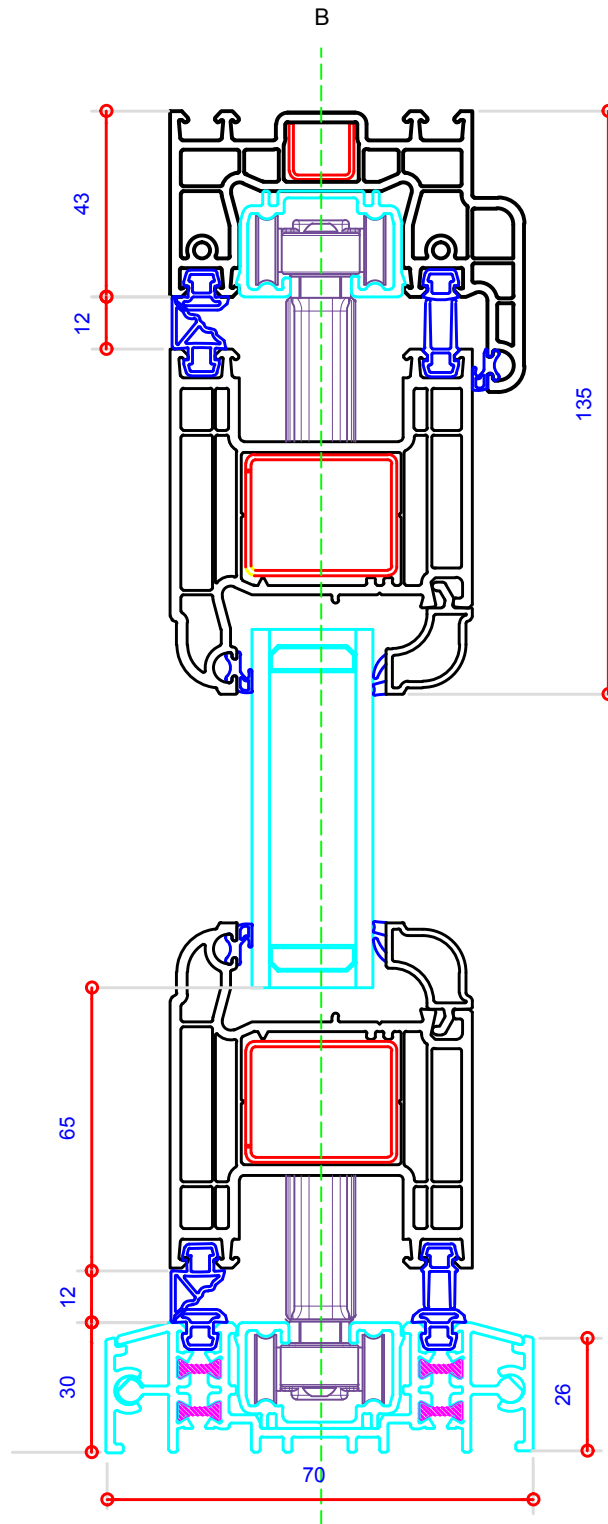
Low threshold with 1 ramp - Option D



Low Threshold	104392
(1x) Threshold Ramp	104391
(1x) Threshold Blank	104394
80mm Feature Sash	105175



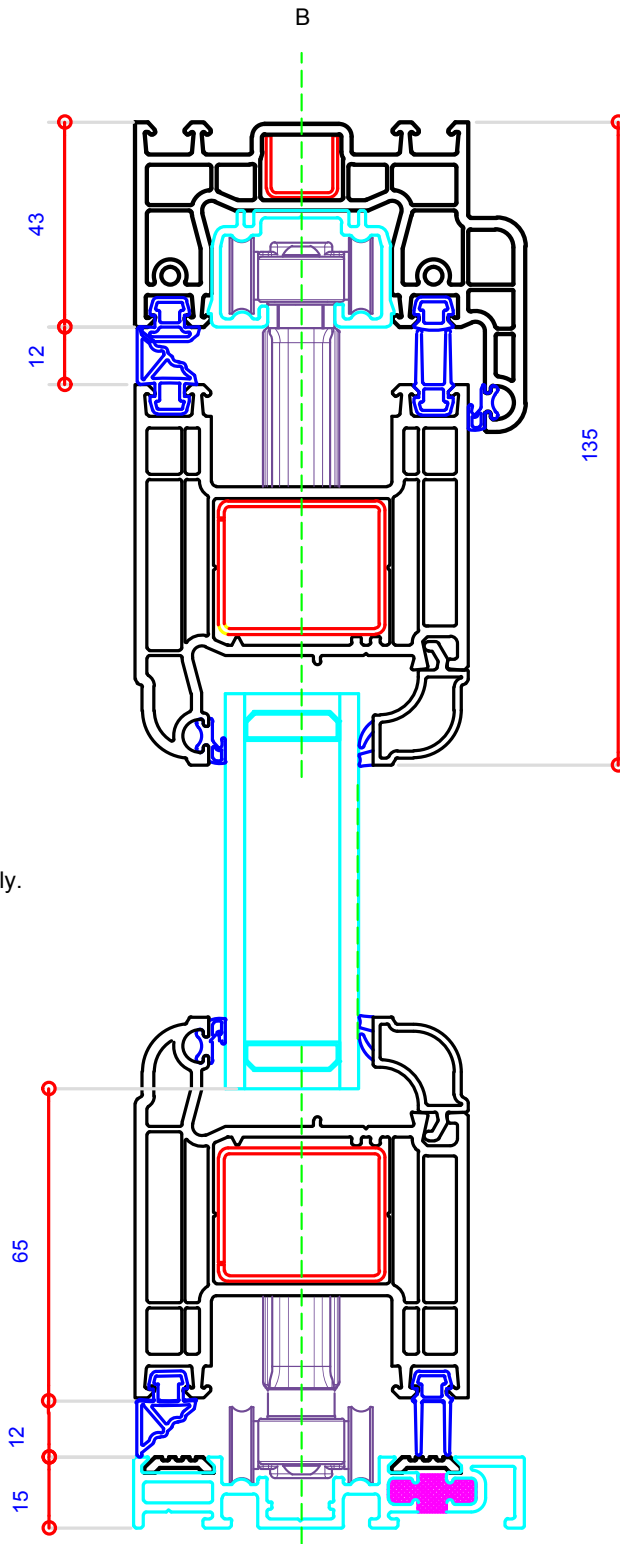
Low threshold with NO ramps - Option E



- |                      |        |
|----------------------|--------|
| Low Threshold        | 104392 |
| (2x) Threshold Blank | 104394 |
| 80mm Feature Sash    | 105175 |



Room divider threshold - Option F



NB: For internal use only.

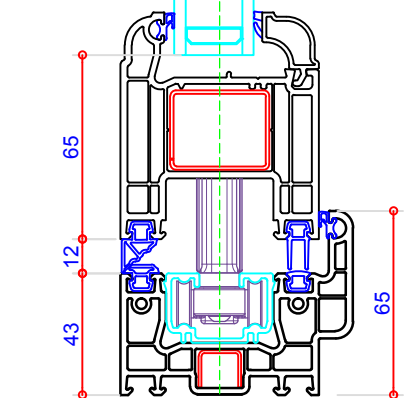
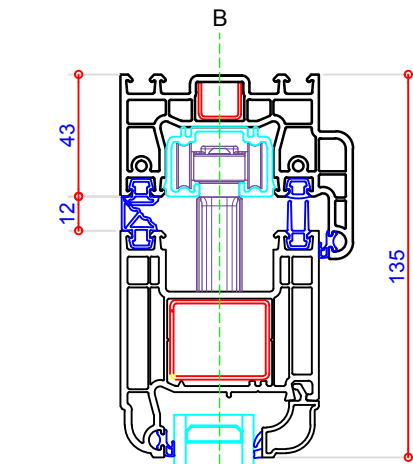
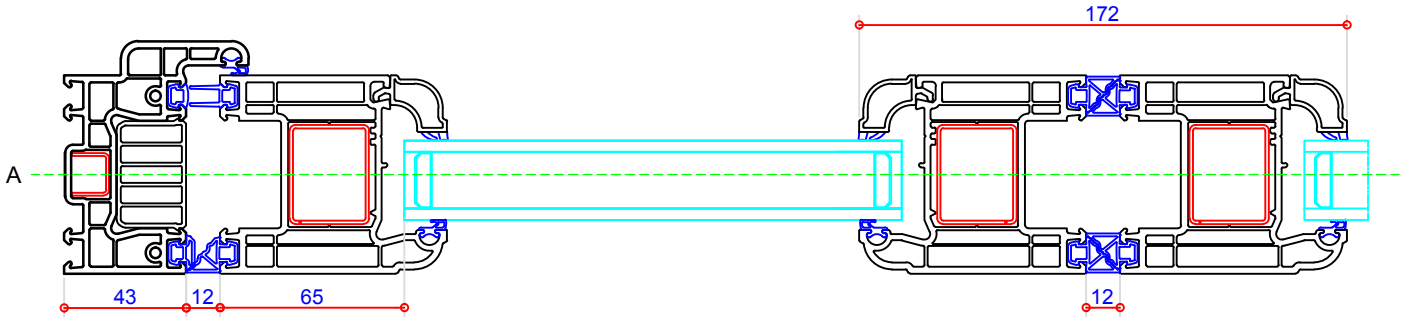
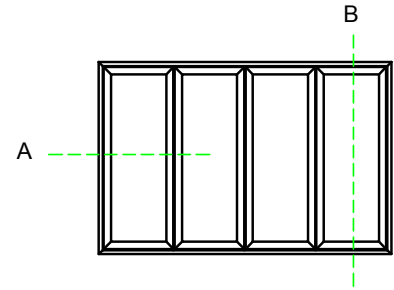
Room Divider Threshold  
80mm Feature Sash

104390  
105175



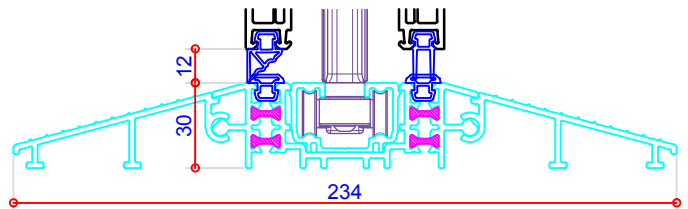
## Profile Combinations.

Dimensions apply chamfered sash also.

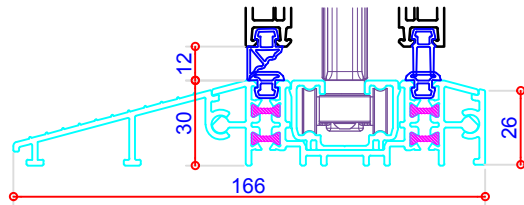


65mm Outer frame 105174  
80mm Feature Sash 105175


### Alternative Threshold Options

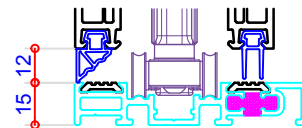


Low Threshold 104392  
(2x) Threshold Ramp 104391  
80mm Feature Sash 105175



Low Threshold 104392  
(1x) Threshold Ramp 104391  
(1x) Threshold Blank 104394  
80mm Feature Sash 105175

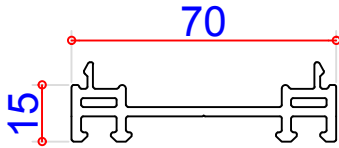
 NB: For internal use only.



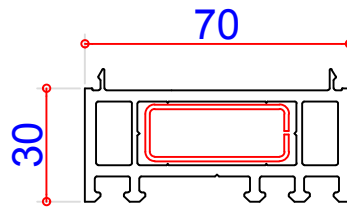
Room Divider Threshold 104390  
80mm Feature Sash 105175



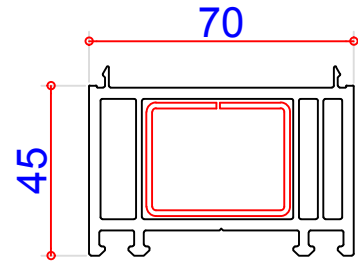
COMPONENTS



15mm Frame Extension 114028



30mm Frame Extension 114014  
Steel Box 38 x 15mm 113073



45mm Frame Extension 114202  
Steel Box 38 x 30mm 113271



Traffic Door Gasket 112455  
Available Black or White



Frame and Sash Seal 112451  
Available Black or White



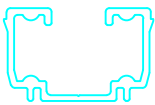
Frame & Sash Flipper Seal 112452  
Available Black or White



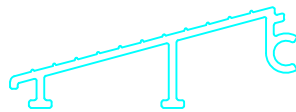
Sash Blanking Gasket 112453  
Available Black or White



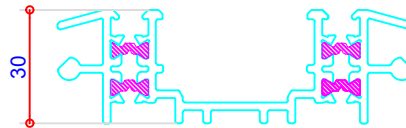
Fold Gasket (For repair) 112003



Track 104393  
Champagne Only



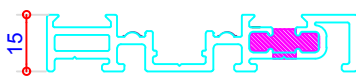
Threshold Ramp 104391  
Champagne Only



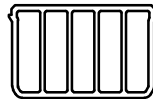
Low Threshold 104392  
Champagne Only



Threshold Blanking Piece 104394



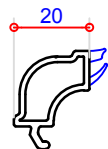
Room Divider Threshold 104390  
NB. Internal use only. Champagne Only



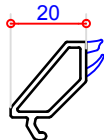
Outer Frame Thermal Insert 105177  
available White, Brown and, Caramel



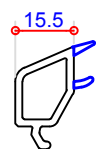
Threshold Strip 105177  
Brown Only



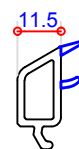
28mm Feature Glazing Bead 107153



28mm Chamfered Glazing Bead 107154



32mm Glazing Bead 107217



36mm Glazing Bead 107218



40mm Glazing Bead 107228

COMPONENTS

Extended But Hinge



But Hinge



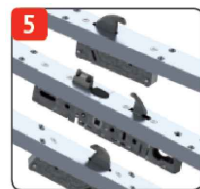
Extended But Hinge



Shoot Bolt



Locks



Handle & Escutcheon



Escutcheon



Viewed from the inside.  
4/3/1 Door.

Shoot Bolt



Locks & Keeps



Corners



Bottom Pivot Roller





# COMPONENTS

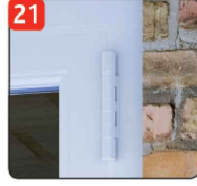
Extended But Hinge



But Hinge



Extended But Hinge



Espag Shoot Bolts



But Hinge



Escutcheon



Espag Handle



D Handle



Bottom Pivot Roller



Shoot Bolt



But Hinge



Locks



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