

Made in the UK 



FM 51223

# VIZION DOORS



Vizion Range of Single &  
Double Glazed Doors

# Vizion aluminium door solutions



## Vizion Range of Single and Double Glazed Doors

The sales and engineering teams at Vizion Doors are constantly working to improve and expand our range of products.

The Vizion range of acoustically tested, single and double glazed doors has been developed with our customers in mind and combines both functionality and aesthetics.

The doors boast an ultra slim-line frame which enhances their stylish appearance and are available in single and double glazed options. Both can be supplied with a fitted acoustic drop down seal if required.

### About the team

When it comes to Vizion doors we have over three decades of experience in designing and creating aluminium solutions. We have continually grown as a company working to the same values and high standards that our customers have come to expect from us.

Our dedicated customer service team, based in our centrally located manufacturing facility and warehouse in Birmingham, will take all the stress away from our customers' lives making it easy to buy from us in confidence.



## Design

### Ultra Slim line frames

Due to exceptional design, our patent pending Vizion doors boast a very minimalist aluminium frame. Their slim appearance increases the clear visible glass area without the need for a protruding border to mask the bonding of glass to the aluminium frame.

### Unique Lever handles and locks

Our specially designed lock / latch boxes fit completely within the slim door frame without the need for a protruding box to accommodate the lock / Latch. Our cranked handles give a stylish appearance while giving room away from the frame. These are unique feature to the Vizion range of doors and not available elsewhere in the industry.

### Acoustic Seals

Our Vizion range of doors can accommodate, where required a self-levelling mechanical drop down seal. Fitted into the base this gives edge to edge cover for the most effective acoustic seal between the floor and the base of the door.

It is activated on the hinged side of the door and as the door closes the seal drops, sealing the gap between the floor and the door.

Two rows of brush pile each with an acoustic fin inside are also fitted along all edge of the door, thereby ensuring a high performance acoustic seal between the Vizion door and the door frame.

door closers, magnetic locks, lever handles, D handles and full length drop down sills.

Our technical team will issue a detailed drawing once an order is received to ensure all details are correct, checked and approved prior to manufacture.

### Quality

Our Vizion door range is fabricated at our centrally located Midlands premises using the latest precision CNC machines and is assembled to the highest quality standards by our skilled engineers in our purpose built temperature controlled clean room environment which also has a full humidity control and clean air extraction system.

### Availability

We believe the best business partner is the one who can help you to be as competitive as you can in your marketplace.

As a result we offer superior lead times (compared to industry standards) and where possible can offer a fast-track option to meet the needs of priority projects. Please contact us to find out more about availability.

### Compatibility

We can supply our standard range of door frames to suit the Vizion range of doors.

We can also produce our doors to suit most timber, steel and aluminium door frames which accept a nominal 44mm thick door.

### Technical Support

Our technical team will produce detailed machining drawings showing all fabrication requirements. This achieves a seamless process from order to manufacture to delivery, so you can rest assured that your product will meet the highest standards and arrive on time, every time.

We can also supply technical installation guides.

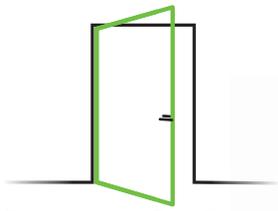


Vizion DG tested to 37db and 39db

Vizion SG tested to 36db

### Made to Order

We are able to manufacture our Vizion range of doors to suit the specific requirements of our customers. The unique design allows for



# VIZION DOORS DG

## Hydraulic Hinges

Our innovative hydraulic hinges replace standard hinges and make door closers, floor springs and door stops a thing of the past, with no mess/floor cutting required – just the same installation process as a standard hinge.



## Standard Hinges

Standard hinges can also be used on our doors giving flexibility.



## Strength

Our Vizion doors have been structurally tested to the equivalent BS 5234-2:1992 Annex F-Severe Duty and to meet the standard for heavy duty traffic within our own aluminium door frames showing the doors and door frames to be robust. Test size of door 926mm x 2400mm. Glass used on test door 6mm & 8mm toughened glass, weight of test door 91kg fixed with 3 hinges.

## Dimensions

44mm thick aluminium frame  
Standard sizes are 838mm and 926mm  
Other sizes can be produced to meet our clients requirements please contact us for specific sizes to meet your requirements.



## Weight

Vizion DG  
Dependant on size and glass mixture with 6mm & 8mm glass from 67kg to 92kg sizes (838 x 2040 to 926 x 2700)  
with 6mm & 9.5mm glass from 69kg to 95kg sizes (838 x 2040 to 926 x 2700)

## Acoustics Testing

Vizion DG  
Tested using 6mm & 8mm glass  
Achieved 37 dB Rw  
Tested using 6mm & 9.5mm acoustic glass  
Achieved 39 dB Rw

## Choices of Hardware

We have our own range of door handles, lock boxes and latches that fit perfectly within the frame and don't require bulky boxes to hide the mechanisms.

This is a unique feature to Vizion Doors and not available elsewhere in the industry.



## Drop Sill

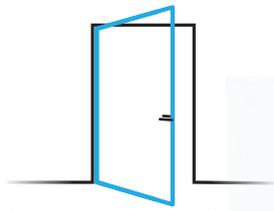
Vizion Doors can accommodate where required a self levelling mechanical drop down seal that is fitted within the base of the door giving edge to edge cover for the most effective acoustic seal between the floor and the base of the door. It is activated on the pivoting side of the door and as the door closes the seal is activated and drops, sealing the gap beneath the door, up to 12mm.



Drop Sill door open



Drop Sill door closed



# VIZION DOORS SG

## Hydraulic Hinges

Our innovative hydraulic hinges replace standard hinges and make door closers, floor springs and door stops a thing of the past, with no mess/floor cutting required – just the same installation process as a standard hinge.



## Standard Hinges

Standard hinges can also be used on our doors giving flexibility.



## Strength

Our Vizion doors have been structurally tested to the equivalent BS 5234-2:1992 Annex F-Severe Duty and to meet the standard for heavy duty traffic within our own aluminium door frames showing the doors and door frames to be robust. Test size of door 926mm x 2400mm.

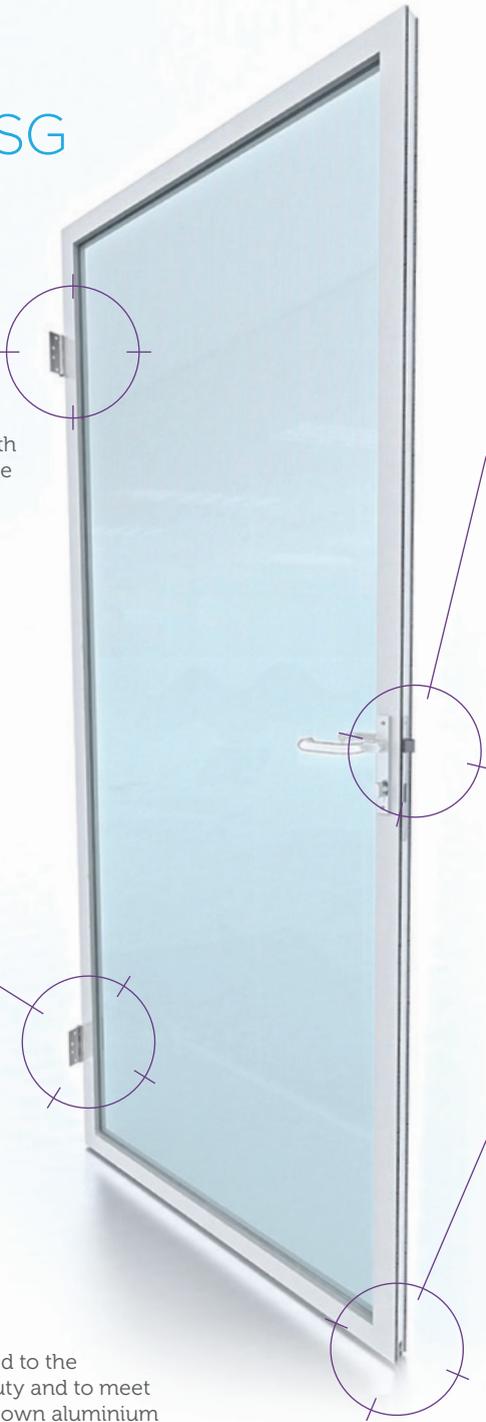
Glass used on test door 6mm & 8mm toughened glass, weight of test door 91kg fixed with 3 hinges.

## Dimensions

44mm thick aluminium frame  
Standard sizes are 838mm and 926mm  
Other sizes can be produced to meet our clients requirements please contact us for specific sizes to meet your requirements.

## Stock Colours

RAL9010 white  
RAL9005 black  
RAL9006 aluminium grey  
or any colour from the RAL range to match your project requirements.



## Weight

Vizion SG  
Dependant on size and glass mixture with 10mm glass from 56kg to 84kg sizes (838 x 2040 to 926 x 2700) with 12mm glass from 64kg to 93kg sizes (838 x 2040 to 926 x 2700)

## Acoustics Testing

Vizion SG  
Tested using 10.8mm laminated glass  
Achieved Rw 36 dB Rw

## Choices of Hardware

We have our own range of door handles, lock boxes and latches that fit perfectly within the frame and don't require bulky boxes to hide the mechanisms.

This is a unique feature to Vizion Doors and not available elsewhere in the industry.



## Drop Sill

Vizion Doors can accommodate where required a self levelling mechanical drop down seal that is fitted within the base of the door giving edge to edge cover for the most effective acoustic seal between the floor and the base of the door. It is activated on the pivoting side of the door and as the door closes the seal is activated and drops, sealing the gap beneath the door, up to 12mm.



Drop Sill door open



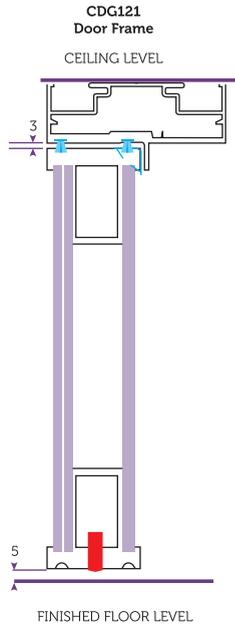
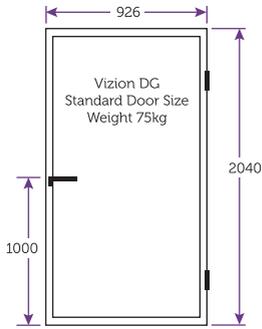
Drop Sill door closed

# Technical Specifications

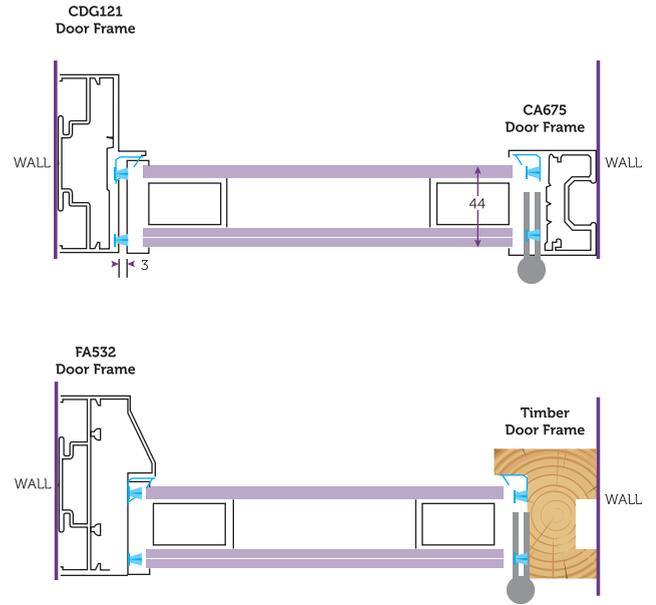
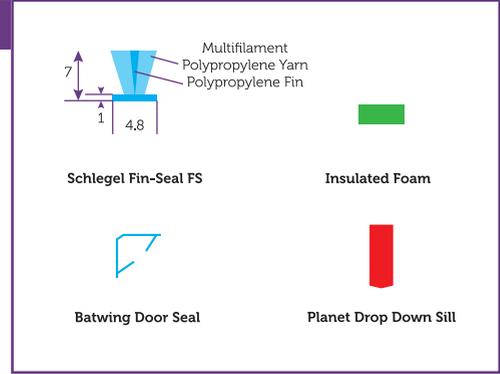


## VIZION DOORS DG

Vizion DG Construction Detail  
6mm and 8mm toughened glass  
or  
9.4mm Acoustic Laminated Glass

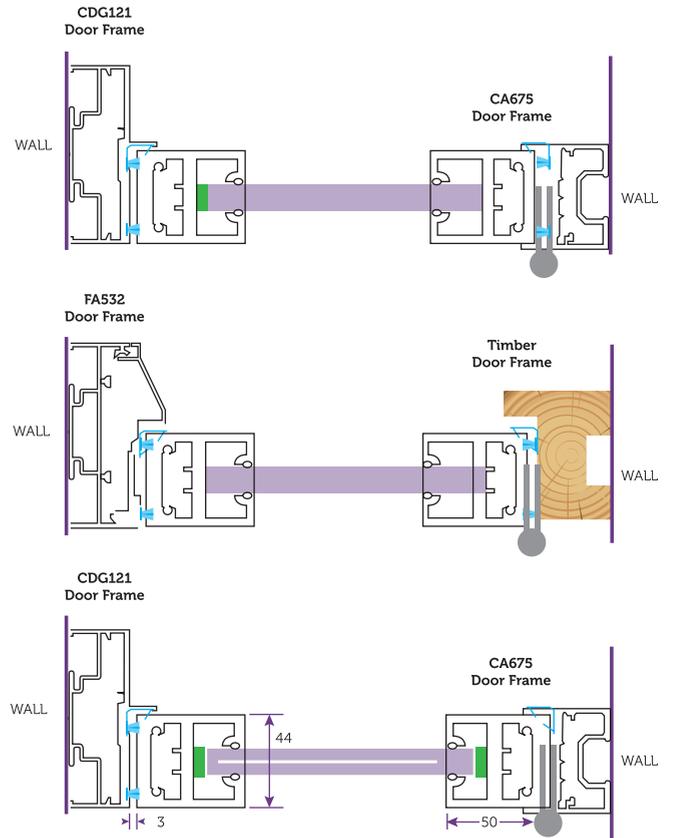
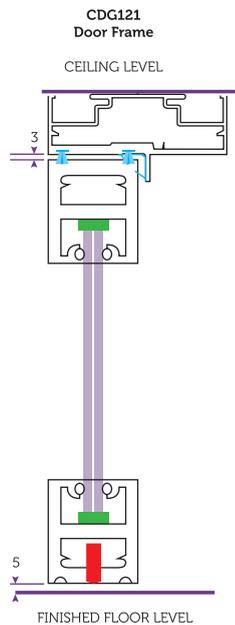
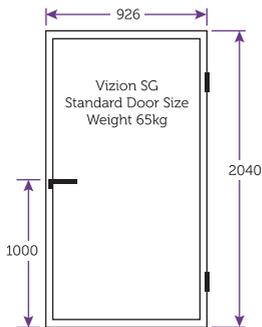


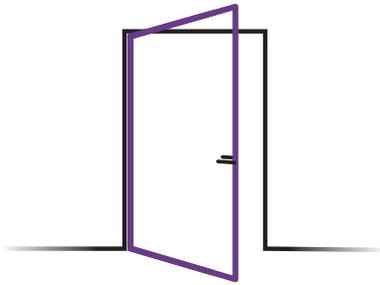
### Key



## VIZION DOORS SG

Vizion SG Construction Detail  
10mm and 12mm toughened glass  
or  
10.8-12.8mm Laminated Glass





# VIZION DOORS

Please get in touch with your sales enquiry today. We are happy to assist.

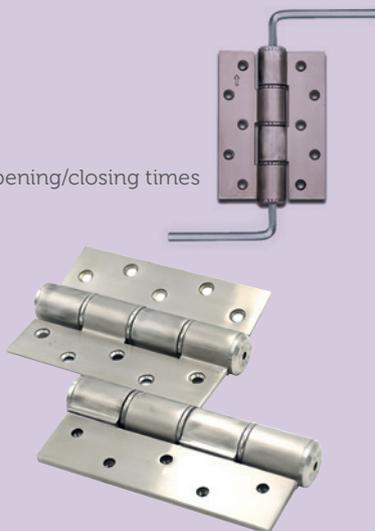
Tel: 0121 325 2309  
sales@balofficepartitioning.com  
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HANDLES AND LOCKS  
**UNIQUE TO**  
VIZION  
DOORS

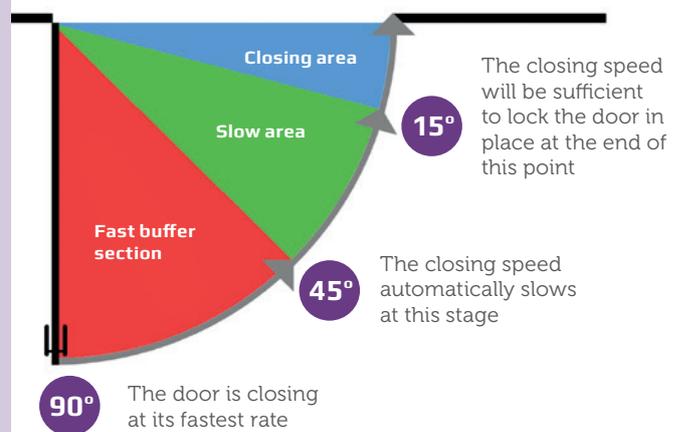


## The benefits of hydraulic hinges

- Satin stainless steel finish
- Warranty period of 300,000 opening/closing times
- Hydraulic buffer door closing
- Speed & power easily adjusted using a 2.5mm allen key at the top and bottom of the hinge
- Easy installation
- Totally hidden mechanism
- Up to 100kg weight bearing with 3 hinges.



## How it works



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