



ODC BIFOLDING DOORS

BOLD. BEAUTIFUL. BESPOKE

ODC GLASS: SPECIALISTS IN SLIMLINE BIFOLD SYSTEMS



# INTRODUCING ODC BIFOLD DOOR SYSTEMS



Secure, safe bifolds with exceptional weather performance with left hand traffic door

## IT'S YOUR SPACE. REDEFINED.

**Choose from five systems, four different sightlines and multiple opening possibilities including right and left hand openings, inward and outward folding and easy access traffic doors.**

We design, manufacture and install bifolding glass doors with beautiful slim sightlines to maximise your views and light. With options for up to 16 full height floor to ceiling panes, our bifold systems fold completely away to bring the outside in.

Manufactured according to your architect's specifications by our expert teams, every bifold system is designed and engineered with precision and care. You have the option to customise your doors with a whole range of features from solar control coatings to the frame colour of your choice for truly bespoke architectural glazing.

Elegantly minimal, effortlessly functional, energy efficient, ODC bifold doors will transform how you live.



# BIFOLDING DOORS COMPARED

# ODCI21

LARGER,  
WIDER

## AT A GLANCE: WHICH ODC BIFOLD SYSTEM WILL SUIT YOUR PROJECT?

### ALUMINIUM BIFOLDING DOORS

ODC System	Sight Lines Visible frame width	Panel Sizes (Maximum Widths, Heights and Weights)	Opening Options and Features	Thermal Performance	Performance	Security Features
<b>ODCI21</b> Aluminium system with widest and largest panels	Frame width when adjoining panels are closed: 122mm Frame depth: 44mm	Width: 1200mm Height: 3000mm Weight: 120kg per panel	2-16 panels Traffic door Right and left hand openings Inward and outward openings Double weather seal rebated threshold or optional low threshold Single frame installation option Dual colour available Open Corner option	U Value as low as 1.1W/m²K	Acoustic insulation: up to 44 dB Air permeability: up to Class 4 Water tightness: up to Class 9A Wind resistance: Class A3	PAS:24 certified option Anti-burglary protection 2-point adjustable locking rods Can be connected to intruder alarm system or access control system
<b>ODC99A</b> Modular slimline design	Frame width when adjoining panels are closed: 99mm Frame depth: 67mm	Width: 1000mm Height: 3000mm Weight: 90kg per panel	2-14 panels Traffic door Right and left hand openings Inward and outward openings Low threshold/level access options Integrated Tilt & Turn section optional Single frame installation option	U Value as low as 1.1W/m²K	Acoustic insulation: up to 45 dB Air permeability: up to Class 3 Water tightness: up to Class 8A Wind resistance: Class B4	Anti-burglary protection Class RC2/RC2N 2-point adjustable locking rods 24mm latch bolt as standard Can be connected to intruder alarm system or access control system
<b>ODC99AH</b> Aluminium slimline system with extra height	Frame width when adjoining panels are closed: 99mm Frame depth: 84mm	Width: 1100mm Height: 3500mm Weight: 110kg per panel	2-14 panels Traffic door Right and left hand openings Inward and outward openings Low threshold/level access options Integrated Tilt & Turn section optional Single frame installation option	U Value as low as 0.8W/m²K	Acoustic insulation: up to 45 dB Air permeability: up to Class 3 Water tightness: up to Class 9A Wind resistance: Class B4	Anti-burglary protection Class RC2/RC2N 2-point adjustable locking rods 24mm latch bolt as standard Can be connected to intruder alarm system or access control system

### COMPOSITE & TIMBER BIFOLDING DOORS

ODC System	Sight Lines Visible frame width	Panel Sizes (Maximum Widths, Heights and Weights)	Opening Options and Features	Thermal Performance	Performance	Security Features
<b>ODCI47C</b> Composite aluminium and timber	Frame width when adjoining panels are closed: 147mm Frame depth: 86 - 91mm	Width: 1000mm Height: 2800mm Weight: 100kg per panel	2-14 panels Traffic door Right and left hand openings Inward and outward openings Low threshold/level access options Integrated Tilt & Turn section optional Single frame installation option Dual finish (Aluminium/Timber)	U Value as low as 1.1W/m²K	Acoustic insulation: up to 42 dB Air permeability: up to Class 3 Water tightness: up to Class 7A Wind resistance: Class C3	Sliding lock or optional lock-in-place panel for controlled ventilation Anti-burglary protection Class RC2/RC2N Secure hinge pin 24mm latch bolt as standard Can be connected to intruder alarm system or access control system
<b>ODCI43W</b> Unique timber system	Frame width when adjoining panels are closed: 143mm Frame depth: 86 - 91mm	Width: 1000mm Height: 2800mm Weight: 100kg per panel	2-14 panels Traffic door Right and left hand openings Inward and outward openings Low threshold/level access options Integrated Tilt & Turn section optional Single frame installation option Range of timber finishes	U Value as low as 1.0W/m²K	Acoustic insulation: up to 42 dB Air permeability: up to Class 3 Water tightness: up to Class 7A Wind resistance: Class C3	Sliding lock or optional lock-in-place panel for controlled ventilation Anti-burglary protection Class RC2/RC2N Secure hinge pin 24mm latch bolt as standard Can be connected to intruder alarm system or access control system



ODCI21: perfect for proximity to the pool environment

## ODCI21

The ODCI21 is an excellent choice for projects requiring taller and wider panel sizes. It's a highly efficient, extremely robust aluminium bifold door system with the ability to take heavier loads than other systems, ideal for large extensions.

A marine grade paint option and high performance specification makes these doors ideal for homes in exposed and coastal locations. Variable opening options, including an easy access traffic door, also make this an extremely versatile bifold design.

When time is of the essence, we can supply the ODCI21 bifold system with a shorter lead time. With no compromise on quality, these aluminium bifold doors may fit your needs perfectly.

### KEY FEATURES

- Large panel designs
- Suitable for more exposed locations
- Easy access traffic door
- Rebated double weather seal
- Multiple threshold options

### SPECIFICATIONS

- U Values:** as low as 1.1 W/m²K
- Sightlines:** 122mm frame width when adjoining panels are closed
- Panel sizes:** Up to 1200mm (W) x 3000mm (H)
- Configuration:** 1 to 16 door panels
- Security:** Multipoint locks



ODCI21: large panes designed for the widest openings



# ODC99A

## SLIMMEST FRAMES



ODC99A an elegant versatile design for your space

# ODC99AH

## EXCEPTIONAL HEIGHT



ODC99AH for exceptional design and drama

## ODC99A

The ODC99A slimline bifold door system has elegant 99mm sight lines to give your living space a transparent, light and open feel. A highly thermally insulated modular aluminium system, it has perfect functionality, a wide range of configurations and superb U values.

This is an exceptionally stylish modular slimline system offering up to 14 panels installed on low threshold tracks. Variable opening options, including an easy access traffic door and optional tilt & turn panel for secure ventilation, also make this an extremely versatile bifold design.

### KEY FEATURES

- Large panel designs
- Minimal slimline visibility
- Integrated optional tilt & turn section
- Easy access traffic door
- Rebated double weather seal
- Multiple threshold options
- Can be linked to alarm and access control systems

### SPECIFICATIONS

**U Values:** as low as 1.1 W/m<sup>2</sup>K

**Sightlines:** 99mm frame width when adjoining panels are closed

**Panel sizes:** Up to 1000mm (W) x 3000mm (H)

**Configuration:** 2 to 14 door panels

**Security:** Multipoint locks



Folding out from the centre for symmetry and versatility

## ODC99AH

Just like its parent design, the ODC99AH is an advanced aluminium bifold door system with slim sightlines and exceptional performance. Designed for dramatic full floor to ceiling openings, this system offers panels up to 3500mm tall, with that extra height to create beautiful light-filled spaces.

These are bifolding doors with real aesthetic impact, but they're also perfect for homes where versatile bifold design is needed. Level access tracking, optional traffic and tilt and turn panels, inward and outward folding, to the left or right - you have total flexibility.

### KEY FEATURES

- Exceptionally tall panels
- Minimal slimline visibility
- Integrated optional tilt & turn section
- Easy access traffic door
- Rebated double weather seal
- Multiple threshold options
- Can be linked to alarm and access control systems

### SPECIFICATIONS

**U Values:** as low as 0.8 W/m<sup>2</sup>K

**Sightlines:** 99mm frame width when adjoining panels are closed

**Panel sizes:** Up to 1100mm (W) x 3500mm (H)

**Configuration:** 2 to 14 door panels

**Security:** Multipoint locks



Folding doors with fixed end panel



# ODCI43W

BEAUTY OF WOOD  
INSIDE AND OUT



Fall in love with the ODCI43W aesthetic

## ODCI43W

A unique timber bifold door system fashioned from beautiful natural wood to blend your indoor and outdoor spaces. Elegant, classic wooden folding doors with a high performance thermal core, the ODCI43W system offers the perfect wooden bifold doors for homes in harmony with their natural surroundings.

The timber bifold range has exceptional performance values with the some of the highest thermal values possible for a folding door system. Doors open effortlessly in countless ways for maximum flexibility and slimline frames ensure optimum views when closed.

### KEY FEATURES

- Slim natural wood profiles inside and out
- Aluminium sub-frame
- Stainless steel tracking
- FSC sustainable timber
- Multiple threshold options
- Can be linked to alarm and access control systems

### SPECIFICATIONS

**U Values:** as low as 1.0 W/m²K

**Sightlines:** 143mm frame width when adjoining panels are closed

**Panel sizes:** Up to 1000mm (W) x 2800mm (H)

**Configuration:** 2 to 14 door panels

**Security:** Multipoint locks



Natural wood tones finished to your specification

# ODCI47C

ALUMINIUM OUT,  
TIMBER WITHIN



Composite bifolds: a unique solution

## ODCI47C

The ODCI47C system offers you the choice of elegant, versatile composite bifold doors featuring a warm timber interior finish and an exterior clad in weather-beating aluminium. This is a robust and beautiful folding door for homes in harmony with the natural world.

The ODCI47C system has exceptional performance values with the some of the highest thermal values possible for a folding door system. Doors open effortlessly in countless ways for maximum flexibility and slimline frames ensure optimum views when closed.

### KEY FEATURES

- Slim natural wood profiles
- External aluminium cladding
- Stainless steel tracking
- FSC sustainable timber
- Multiple threshold options
- Can be linked to alarm and access control systems

### SPECIFICATIONS

**U Values:** as low as 1.1 W/m²K

**Sightlines:** 147mm frame width when adjoining panels are closed

**Panel sizes:** Up to 1000mm (W) x 2800mm (H)

**Configuration:** 2 to 14 door panels

**Security:** Multipoint locks



Enjoy warm natural wood finishes



# BESPOKE DESIGNS



A practical four panel configuration with traffic door

## OPTIONAL SIZES AND HEIGHTS

ODC bifold doors are manufactured in bespoke dimensions to the exact sizes you require, creating exciting possibilities for sensational walls of glass. Multiple folding panels can open up the entire width of a house from floor to ceiling, transforming your interior with light.

## A CHOICE OF SLIM SIGHTLINES

Our minimal frames maximise the amount of light entering your home. Different systems have different sight lines (that's the part of the frame that's visible when two adjoining panels are closed) varying from 99mm to 147mm.



A five panel system offers excellent versatility



Robust designs for hillside homes

## GLAZING QUALITY & OPTIONS

ODC glazing is of the highest quality, meeting the glass quality standards set by the UK's Glass and Glazing Federation.

All our bifolding systems are glazed with toughened safety glass with options for high security laminate glass, acoustic glazing and solar control.

Each huge glass pane has integrated polyamide thermal breaks for effective energy efficiency.

The glazing is structurally bonded into its aluminium frame on our bifold systems to withstand extreme weather.

# OVER 200 FRAME COLOURS

## YOUR DOORS, YOUR COLOUR

ODC aluminium bifolding doors are finished in an exceptionally tough, high quality, flawless powder colour coating with three popular colours as standard:

**Anthracite RAL7016:** a contemporary slate grey that pairs perfectly with timber cladding or white render

**Black RAL9005:** for a modern twist on a heritage look

**White:** complements a diverse range of classic architectural styles

## DUAL FINISH FRAMES

When you want one colour to match your home's exterior look and another to complement interior décor, then a dual finish frame is the solution.

Anthracite/white is a popular dual finish, but you can have any combination of colours on the RAL colour chart.

## FABULOUS COLOUR SPECTRUM

From subtle shades to complement traditional materials to bright contemporary colours, your bifold doors can be as individual as you with over 200 inspiring colours in our RAL chart.



Sleek contemporary finishes in any colour

## LOW MAINTENANCE

Our powder coated aluminium frames are extremely robust and very easy to clean. All paint finishes are covered by our 10 year ODC warranty.

## SPECIAL FINISHES FOR SPECIAL PLACES

If you live on the coast or in the hills, your bifolding doors will benefit from enhanced finishes. We offer pre-anodised frames and marine grade quality coatings for additional protection in exposed locations.



Powder coated aluminium frames in silver



# SECURITY FEATURES



ODC121 handle and multipoint lock

## EXCEPTIONALLY SECURE

All our systems have rod-operated multi-point BSI accredited cylinder locking mechanisms with single key operation as standard.

Optional laminated security glass, lock monitoring and glass breakage detectors, integrated alarm systems even bolt sensors to indicate a system has been correctly locked are all available.

Our aluminium bifolding doors can be specified to meet the PAS 24 enhanced security performance standards, and our designs have been independently tested to ensure they withstand opportunistic attempts to break in.

# EXCEPTIONAL PERFORMANCE FOR ALL SEASONS



Exceptional weather resistance whatever the environment

## WEATHER RESISTANCE

Our bifolding doors have superb weather resistance built into their design. ODC structurally bonded frames and glazed panels undergo rigorous testing by independent laboratories where they demonstrate they can withstand pressurised jets of water and air replicating extreme weather conditions. Their performance for water tightness, air permeability (draughts) and wind resistance (how they cope with wind load) meets BS 6375 standards. See the table on page 8 for comparative data.

## ENERGY EFFICIENCY

Excellent glass U-values and optional solar coatings help our bifolds maintain your home's comfortable temperature all year round, whatever the UK weather. Every system has well-insulated frames with thermal breaks to stop outside temperatures being transferred to the inside. Compliant with the latest Part L Building Regulations, they are designed to be extremely energy-efficient and therefore suitable for homes in exposed locations.

# MULTIPLE CONFIGURATIONS

## FLEXIBLE DESIGN

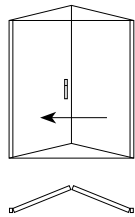
ODC bifold systems can be specified with 1 - 16 door panels. Panels can fold to the left or right, split from the middle and include a single traffic door which opens independently of the rest of the system. With this design flexibility, we offer an incredible 24 different possible configurations for your bifold doors.

Here we show some popular options to suit a range of typical openings. Your bespoke bifold doors will be manufactured to the configuration of your choice.

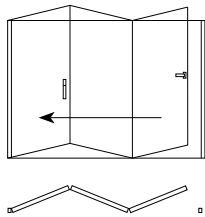


ODC121 offers multiple configurations

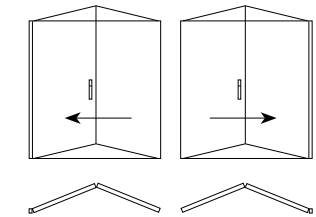
For smaller openings to replace French doors:  
Two panels, folding either left or right



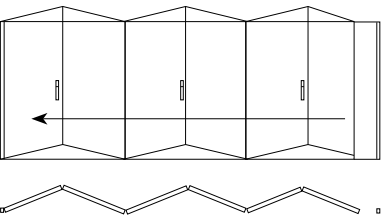
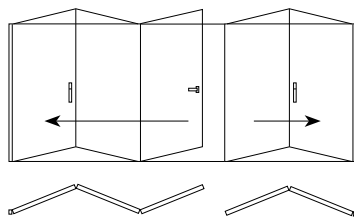
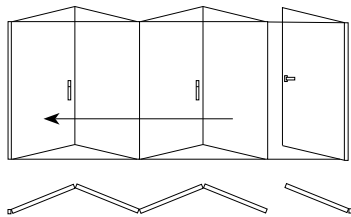
Three panels,  
all folding to the left



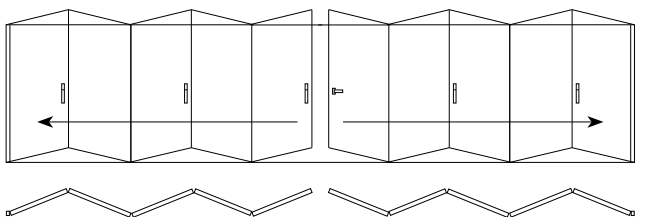
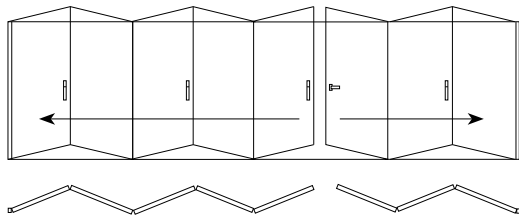
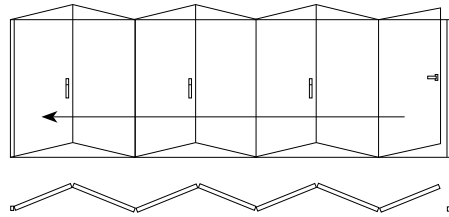
Four panels, two folding left,  
two folding right



For mid-size openings, for example a side return extension:  
Five panels, 4 folding left and 1 traffic door folding right



For wide openings in new build homes  
and large garden extensions:





# FLUSH TRACK TECHNOLOGY

# WHY ODC?



Flush thresholds offer seamless transition to outside spaces



ODC 121 on 3 sides combined with a glass wall to maximise the light

## TRACK AND GLIDE TECHNOLOGY

ODC engineering and tracking technology ensure our doors are easy and manageable to open despite their size. Systems run noiselessly on integrated steel or toughened nylon runners with optional guards to protect against invasive grit and dirt, tread plates to cover unused tracks and hidden drainage channels to take away surface rainwater.

## FLUSH THRESHOLDS BRING THE OUTSIDE IN

Bifolding doors can be fitted with a flush threshold for seamless, unobstructed access to a patio or balcony. The system's bottom rail sits below the finished floor level for a subtle sense of continuity to the outside. Flush thresholds optimise access for everyone, but we also offer weather thresholds where protection against wind and rain is priority.

## A CHOICE OF HANDLE DESIGN

We know design details matter - our systems have robust, sleek handles to complete the aesthetic of your installation options include:

- Integrated handles
- Colour-matched handles



Handles in a range of finishes, including colour-matched

ODC Glass are bifold doors specialists, offering our customers:



**Door systems engineered and manufactured in UK to the highest standards**



**Customised designs**



**Clear detailed estimates**



**Comprehensive technical surveys**



**Liaison with architects and contractors**



**A dedicated project coordinator**



**Expert installation**



**No third parties**



**The ODC warranty and support**

ODC's expert team provides specialist advice on the design and installation of sliding systems for all types of homes. For more information about our products, you'll find technical data sheets available on our website.



Part



# MORE ODC GLAZING SOLUTIONS



HERITAGE STYLE DOORS AND WINDOWS



ALUMINIUM WINDOWS



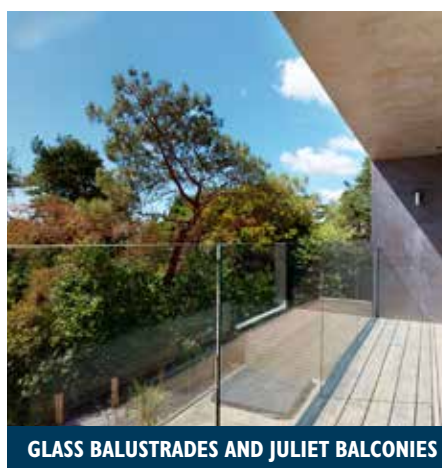
GLASS STRUCTURES



GLASS ROOFS



SLIDING DOORS



GLASS BALUSTRADES AND JULIET BALCONIES



ROOFLIGHTS



FRONT DOORS

SEE ODC BIFOLDING DOORS AT OUR SHOWROOMS IN POOLE AND LONDON

ODC DOOR & GLASS SYSTEMS LTD.

**LONDON SHOWROOM**

97 Bollo Lane, London W3 8BN

**POOLE SHOWROOM**

Sterte Road Industrial Estate, 145 Sterte Road, Poole, Dorset BH15 2AF

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