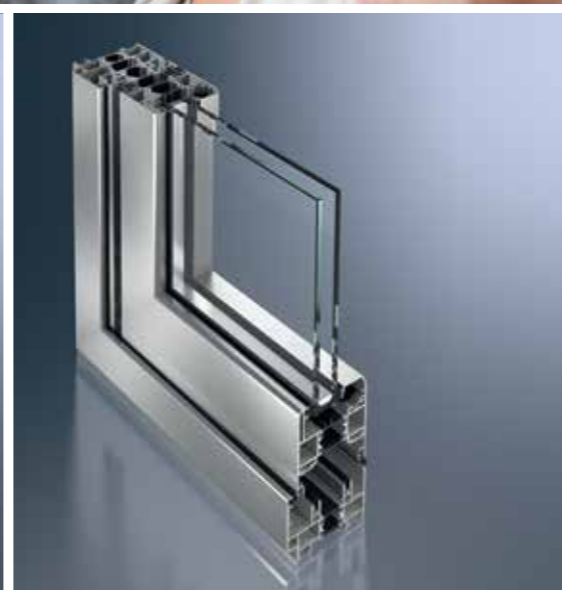


A modern house at dusk with large glass bi-fold doors and a fire pit in the foreground. The house features a mix of brick and dark grey panels. The interior is visible through the glass doors, showing a living area with a sofa and chairs. A fire pit with a fire is in the foreground, and there are purple flowers and a young tree in the garden. The sky is a mix of blue and pink from the sunset.

# BI-FOLD DOOR

Precision engineered Schuco aluminium bi-folding doors by Dutemänn.



## AMAZING 120MM ULTRA SLIM SIGHT LINES

Dutemänn are proud of being the largest Schuco bi-folding door fabricator in the UK. This precision engineered German product is a designer system offering a minimalist sightline at an affordable cost. The perfect solution for your home.

### Style Choices

Whether you choose a bespoke bi-folding door, or a standard size door from our pre-fabricated range, both are made to the same high specification.

A wide choice of colours, opening configurations and glass types allow you to specify your purchase to suit your property style.

Each panel can be made to a maximum of 1200mm wide and 3000mm high, allowing you to maximise the glass area introducing more natural light to your project. Slim aluminium sections are used to minimise sight lines and maximise glass area. Contemporary ironmongery in a choice of colours adds to the sleek appearance of our doors.





## WANT THE BEST BI-FOLD?

### Applications

Our doors are used for a range of domestic and commercial applications such as: Open plan living areas, Sun Rooms, Balconies, Swimming Pools, Garden Buildings, Restaurants and Showrooms.

### Security

Security is always an important factor when purchasing a door for your home, and our product has been designed with this in mind. We only fit police approved Secured by Design multi point locks on the main doors for your security and peace of mind.

All intermediate panels have concealed steel shoot bolts that engage securely into the top and bottom tracks. Toughened safety glass is fixed into the panels with beading on the inside so it cannot be removed from the outside.

### More Glass

The Schuco system is not only strong and durable it has sightlines of just 120mm. So when your door is closed and secure there is only 120mm between the panes of glass, although slim, the system is exceptionally strong and able to support panels of up to 3000mm in height and 1200mm in width.

With a sightline of just 120mm the Schuco bi-folding door by Dutemänn is almost 25% slimmer than it's leading competitor making Schuco the obvious choice for your project.

### Fully Adjustable

This is a very important consideration when purchasing a folding door. Natural expansion and settlement of building materials may result in the requirement for adjustment after installation. Unlike most other folding door systems our product can be fully adjusted with ease, ensuring that the door will always be fully functional and weather proof.



## NEED THE BEST PERFORMANCE?

### Energy Performance

Our systems are manufactured to outperform current U-Value building regulations. The internal aluminium frame sections are separated from the external with a thermal barrier minimising any heat loss. In addition, your door will be fitted with high performing glass sealed units specifically designed to reflect heat back into your home.

The combination of a thermal barrier, multiple weather seals and high performing glass maximises heat retention in your home, increasing fuel efficiency and helping to minimise fuel bills.

### Weather Resistance

The door system is designed for all European climates. The panels and frames have multi layered rubber weather seals ensuring resistance to the worst of the British weather.

### Glazing Options

Double glazed units with an argon filled cavity are supplied as standard, there are various upgrades available depending on your requirements.

#### Triple Glazing

The addition of an extra sheet of glass greatly reduces the U-Value, which helps to retain more heat in your home. Triple glazing is also a superb sound insulator which increases the doors ability to reduce noise pollution from outside the home - a huge benefit should you live close to a busy road or airport.

#### Solar Control Glass

This option is best suited to properties with South or South West facing elevations. A special coating on the outside of the glass deflects the heat of the sun giving you greater control over your room temperature.

#### Easy Clean Glass

This specially treated glass has all the benefits of our standard units but with the added bonus that dirt is easily washed away by conventional cleaning or rain.

## HOW DOES A 20 YEAR GUARANTEE SOUND?

### Twenty years safe and sound

When investing in improving your home it is always important that you choose a product that is “guaranteed to last” like our Schuco Bi-fold by Dutemänn. Manufactured by Dutemänn, a specialised fabricator in the UK using only the best components throughout the manufacturing process means, we will Warranty all of the doors components for 20 years.

This Warranty will give you the peace of mind you deserve when purchasing a quality item for the home. In return we simply ask that you regularly clean the doors with warm soapy water and ensure that all moving parts are operating smoothly and no debris has found its way into the moving parts or track.

Full cleaning/maintenance instructions can be found in your operation guide booklet.

### Safe and Secure

Our bi-folding doors have passed the requirements of Part Q of the building regulations. Part Q PAS24 is the latest upgrade to the building regulations in England and targets the security of glazed products within your home. So if your property extension needs to meet this exacting security standard then we have the solution for you, simple!

Ask your sales advisor for more information.



# CHOOSE A COMPLETELY FRAMELESS CORNER FOR UNINHIBITED VIEWS

One feature of our aluminium framed bi-folds that really makes a house stand out is our cornerless (post free) option. We've made many of these over the years and can truly say they look stunning and can completely transform the look and feel of your room.

The Schuco Corner Bi-Fold by Dutemänn provides a completely frameless corner so that your view is uninhibited. It also offers the benefits of a wide choice of styles, quiet operation, perfect weather tightness, and high transparency. The beautiful design, flexibility and exclusivity of Dutemänn cornerless bi-folding doors make them popular with homeowners and ideal for large opening width commercial installations such as hotels and restaurants.



## Configuration

For technical reasons it is best to have an odd number of door leaves on both sides, but as a minimum we can make cornerless bi-folds that have only one side with an odd number of panels. Ninety degree angled corners come as standard.

## Colour

The doors can be finished in one of our standard colours or a choice of over 200 RAL colours. The powder coat finish is applied to the aluminium extrusions in a factory controlled environment ensuring a high quality finish. For coastal locations the finish can be upgraded to Marine Grade. Please ask your installer for more details.

## Key Features:

- Wide choice of styles
- Quiet operation
- Perfect weather tightness
- Thermally efficient
- High transparency
- Ultra slim 120mm aluminium sightlines
- Low U-Values
- Anti-finger trap gasket
- 200 RAL colours
- High security locking
- Stylish hardware options
- 20 year guarantee

## WANT TO ADD MATCHING DOORS?

We understand that during planning for your renovation, you may find the need to have a separate door into your outside space such as a set of French doors or indeed a single door.

So when choosing a bi-folding door from us you can also specify a matching single or French door. Both our single and French doors have identical hinges and hardware giving you peace of mind for security and longevity.



**DUTEMÄNN**  
inspiring spaces

## BEAUTIFUL COLOUR FINISHES



Gloss White  
RAL 9016



Slate Grey  
RAL 7015



Black  
RAL 9005



White  
RAL 9010



Anthracite  
RAL 7016



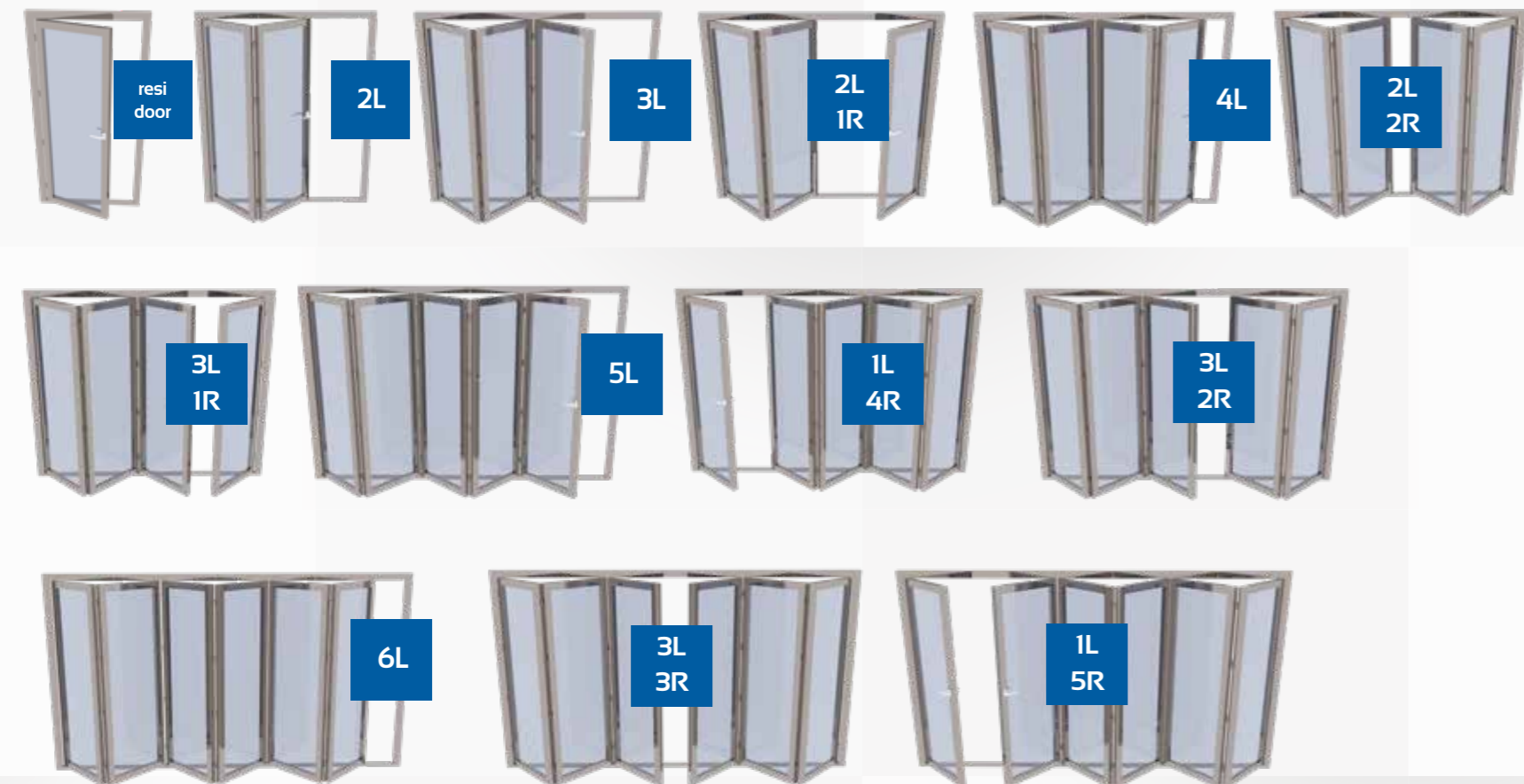
Pebble Grey  
RAL 7032

The doors can be finished in one of our standard colours or a choice of over 200 RAL colours. The powder coat finish is applied to the aluminium extrusions in a controlled factory environment ensuring a high quality finish. For coastal locations the finish can be upgraded to Marine Grade (ask your installer for more details). Our standard colour range is available in five subtle, natural matt finishes and a gloss white option.

Actual product colours may vary from colours shown on your monitor or printed brochure. Colours can be verified by ordering a colour swatch sample from your local installer.

Our bi-fold doors can be manufactured folding to the left, right or to both sides. A pass door can be incorporated in the system, which can be used like a normal external door, leaving the other panels locked in place. For practical reasons most people choose to open the doors to the outside, but they can be manufactured opening to the inside if required.

The illustrations provided are just a sample of possible openings, for more options please speak to your advisor.



	maximum width in metres									
	1.2m	2.4m	3.6m	4.8m	6.0m	7.2m	8.4m	9.6m	10.8m	12.0m
1 panel	✓									
2 panel		✓								
3 panel			✓							
4 panel				✓						
5 panel					✓					
6 panel						✓				
7 panel							✓			
8 panel								✓		
9 panel									✓	
10 panel										✓

## MADE TO MEASURE OR STANDARD SIZES?

If you are at the design stage of a project you could select one of our standard sized doors listed below. They are available in our standard colour range and can be manufactured in any opening configuration. A very cost effective solution.

Choose from the following sizes:

- 2400 x 2100 3 Panels
- 3000 x 2100 3 Panels
- 4000 x 2100 4 Panels
- 5000 x 2100 5 Panels
- 5900 x 2100 6 Panels





# BI-FOLD DOOR

Precision engineered Schuco aluminium bi-folding doors by Dutemänn.

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