

# U70

WINDOWS, DOORS & CONSERVATORIES



QUALITY MADE  
DOORS  
DESIGNED FOR YOU

## DOOR STYLES



STANDARD DOOR



STABLE DOOR



**FRENCH DOORS**  
(Generally as a pair of doors but can be fabricated with integral side panels as shown left, or separate side screens.)



**PATIO DOORS**  
(3 and 4 part styles available)



**BI-FOLD DOORS**  
(Various opening options available)



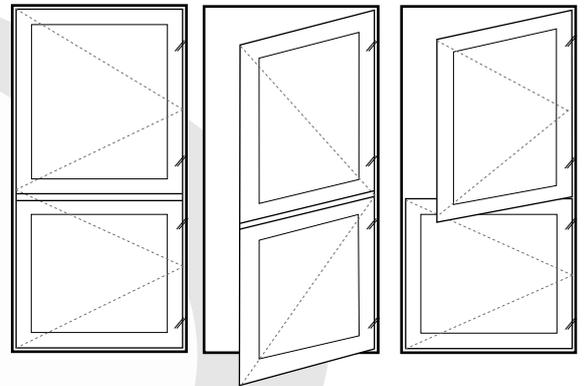
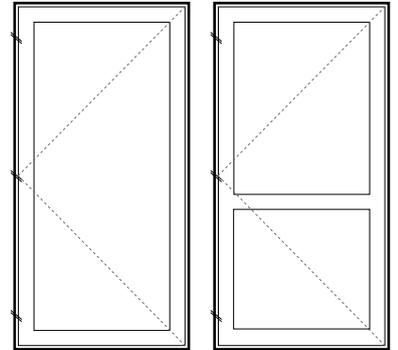
# Making an Entrance....

All U70 doors are individually designed & made to be installed into your property by an authorised dealer – each type will compliment your home and its appearance. By choosing PVCu there is no compromise on performance, weathering (warp-free), durability or security.

The various styles of doors can be utilised in different locations and can vary in their dimension (obviously with size limitations), colour & glazing aspect. Each type of door is fortified with a high level of security combining roller cams, shoot bolts & deadbolts, although the arrangement and number of components may vary.

The 'standard single door' can be designed with full, half or sectional glazing and can accommodate a large selection of decorative panels.

By adapting the general design it is possible to manufacture a traditional 'stable door' arrangement.



# U70



Most door styles can be coupled with other U70 products.

A choice of Composite Doors are available with many specialised designs and features.

This product integrates PVCu and other materials to provide a 'wood grained' permanent colour, still with the aesthetic appearance of a timber door.

For more details please ask for the relative specialised brochure.





THE DOOR IMAGE SHOWN IS AN INVERTED DOOR PANEL STYLE WITH A CLOSE-UP VIEW OF THE DECORATIVE BEVEL DESIGN.



*Virtually all of the door styles can be fabricated using the STANDARD RANGE OF COLOURS & FOILS this also applies to the varied selection of door panels (see centre pages) and a choice of furniture to add the finishing touch!*





**DP1** Solid  
Inverted



**DP2** Glass  
Clear/Obscure  
Inverted



**DP3** Solid  
Raised



**DP4** Glass  
Clear/Obscure  
Raised



**DP5** Glass  
Clear/Obscure  
Inverted



**DP6** Glass  
Clear/Obscure  
Inverted



**DP7\*** Film Colour  
Coral, Black  
Blue, Green  
Red  
Inverted



**DP8** Glass  
Clear/Obscure  
Inverted



**DP9\*\*** Film Colour  
Blue, Black  
Coral, Green  
Red  
Raised  
*Triple Glazed*



**DP10** Glass  
As Design Shown  
Raised  
RESIN

Door sections are manufactured using **legend70** Profiles and are Fully Steel Reinforced.

**DP9\*\*** has a unique backing patterned glass known as 'Glue-Chip' and is difficult to match when side panels or adjacent windows are involved - a contrasting patterned glass is the general compromise.



**DP11** Glass  
Clear/Obscure  
Raised



**DP12** Glass  
Clear/Obscure  
Choice of House No  
Raised



**DP13** Glass  
Clear/Obscure  
Raised



**DP14\*** Glass Colour  
Black, Blue, Red  
Coral, Green  
Raised



**DP15** Glass  
Clear/Obscure  
Raised

**FOILED FINISHES**



ROSEWOOD



LIGHT OAK



MAHOGANY

**LETTERPLATES**

Letterplates are from the **Fab&Fix** colour range

**GOLD . CHROME  
SATIN . BLACK . WHITE**



THE 'GRAIN' ON BOTH RAISED AND INVERTED PANELS RUNS VERTICALLY ON ALL FINISHES (RAISED PANELS SHOWN ABOVE)



**DP16** Raised Glass Clear/Obscure with Georgian Bars



**DP17** Raised Glass Clear/Obscure



**DP18** Solid Inverted



**DP19\*** Inverted Film Colour Black, Blue Green, Red Coral

### GLAZING DETAILS

ALL GLAZED PANELS SHOWN, EXCEPT THE RESIN DESIGNS (see note) HAVE THE CHOICE OF EITHER A CLEAR OR AN OBSCURE BACKING GLASS FROM THE STANDARD PILKINGTON RANGE.

IN ADDITION, SEVEN OF THE PANELS HAVE A FURTHER CHOICE OF COLOURED FILMS THAT CAN BE SELECTED. PLEASE NOTE THAT THESE PANELS\* CAN ALSO BE CHOSEN WITH EITHER A CLEAR OR OBSCURE BACKING GLASS.



**DP20\*** Inverted Resin Film Colour Blue, Black Green, Red Coral Not Available



**DP21\*** Raised Film Colour Blue, Coral Black, Green Red



**DP22** Raised Glass Clear/Obscure with Georgian Bars



**DP23\*** Raised Film Colour Green, Blue Black, Coral Red



**DP24** Raised Glass Clear/Obscure

DP10 and DP20 incorporate a bespoke obscured glazing appearance and cannot facilitate any other choice of patterned backing glass – it is possible with DP20 to change the film colour with the exception that there is no Coral coloured film choice.



### REINFORCEMENT

All panels are manufactured with a STANDARD central 9mm MDF solid core to provide security and stability – this can be optionally upgraded to a full 24mm MDF core (Raised panels only)

### FURNITURE

Furniture is from the Fab&Fix colour range

**GOLD . CHROME  
SATIN . BLACK . WHITE**



Lever/Levers



Pad/Lever



Optional Thumb-Turn

Key locking to both types of handles

### HALF PANELS

### URN KNOCKERS



Knockers are from the Fab&Fix colour range With or without Spyhole

**GOLD . CHROME  
SATIN . BLACK . WHITE**



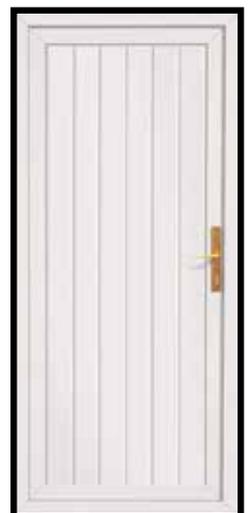
**DP25** Inverted



**DP26** Raised



**DP27** Raised



**DP28** Tongue & Groove

# TECHNICAL DETAILS

- UK 70mm PVCU VIRGIN EXTRUDED PROFILES
- ALL SECTIONS REINFORCED TO BSI TESTS
- PAS 23 / 24  AVAILABLE
- OPTIONAL - 'WELDED & BOLTED' CORNER JOINTS
- STANDARD 3 WAY ADJUSTABLE FLAG HINGES
- OPTIONAL - VARIOUS LOW THRESHOLDS
- SHOOT BOLTS TO BOTH FRENCH DOOR LEAFS
- YALE 10 POINT MULTI-LOCKING HARDWARE  
*(Not possible on all door styles)*

Within many of the door styles the introduction of one or more transoms / mullions is possible to enhance the design – a mullion has been fabricated into the door (photo right) to compliment the inverted feature panel.



It is possible to form a 'crucifix' joint above and below the midrail by combining a vertical mullion and the horizontal midrail.

## COUPLING BARS

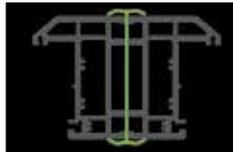
A coupling bar can be incorporated between the junction of two or more products to add more stability or create a structural support. The three main types are shown right. The photograph on far right depicts the use of the 3mm coupler. The 8mm heavy duty is shown in photo below. Also a 24mm structural aluminium section with external covering strips that are colour related to the product is available.



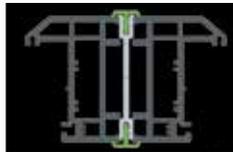
# U70



*PLEASE NOTE: WHEN USING LEAD WORK PATTERNS BETWEEN WINDOWS & DOORS (AS SHOWN BELOW) IT IS NOT ALWAYS POSSIBLE TO HORIZONTALLY ALIGN*



3mm COUPLER



8mm HEAVY DUTY COUPLER



24mm STRUCTURAL COUPLER



*Door styles can be fitted with some form of low threshold. It is more common within the Standard range, Stable Door, French Doors and Composite Door to incorporate the milled finished (Gold or Silver) low aluminium or mobility thresholds*

## OPTIONAL (2no) DOG BOLTS



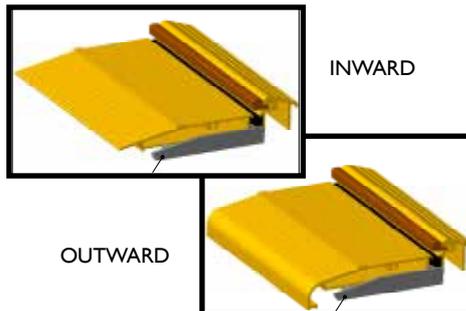
Fitted between the hinge positions to further fortify the door.

*(Not available on composite or patio doors)*

## OPTIONAL OVERHEAD DOOR RESTRICTOR



Can be fitted to open in / out opening doors or French doors.



OUTWARD

INWARD

*THE THRESHOLDS SHOWN CANNOT BE UTILISED WITHIN THE PATIO DOOR & BI-FOLD DOOR RANGE.*

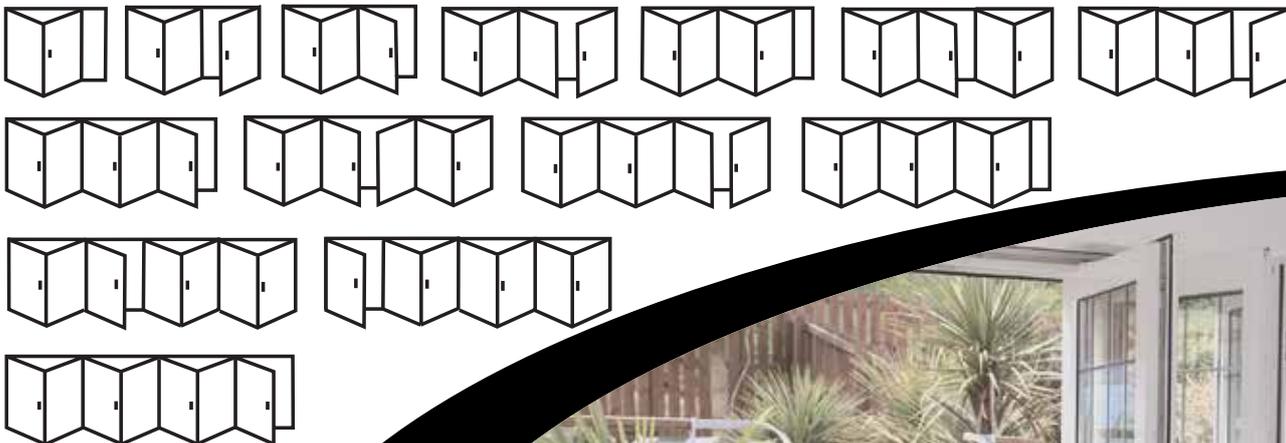




# Bi-Fold Doors

*Bi-Fold doors can provide a new perspective to everyday living and add the visual versatility of extending the interior of a room to the exterior of your garden, balcony or adjoining room.*

*With a smart appearance, advanced performance & sophisticated gearing the multi-folding panels (up to 7 leaves) which can be connected in various configurations and smoothly concertinaing open to provide an open plan living area. Available in white and standard foils with a choice of handle colours.*



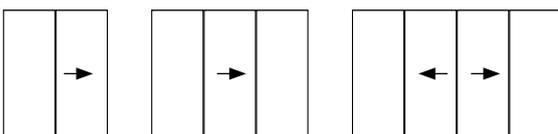
**OPENING OPTIONS**

**ALL LEFT HAND DESIGNS SHOWN ARE AVAILABLE RIGHT HANDED**

*CERTAIN SIZE RESTRICTIONS APPLY TO DOOR LEAFS, OVERALL DIMENSIONS & FOILED PRODUCTS*



# Patio Doors



- STEEL REINFORCING WITHIN ALL OUTER FRAME AND SASHES
- TRADITIONAL OR DECORATIVE FEATURE TO MAIN SECTIONS
- FIXED SASH MECHANICALLY JOINED TO OUTER FRAME
- 6 HOOK BI-DIRECTIONAL LOCK (8 POINT OVER 2.1m HEIGHT)
- 'DURASEAL' COATED STAINLESS STEEL LOCKING KEEP PLATE
- STAINLESS STEEL TRACK & TANDEM ROLLERS (7mm ADJUSTMENT)
- ALUMINIUM INTERLOCKS FOR SECURITY WITH WOOL PILE SEALS
- ANTI-LIFT BLOCKS & DRAUGHT 'STOP PLUG' FITTED AS STANDARD
- ANTI-DRILL / PICK EURO PROFILE KEY CYLINDER SUPPLIED
- OGEE OR FLAT INTERNAL BEADS TO ACCOMMODATE 28mm UNITS

# QUALITY MADE DOORS



## FEATURES

### LOCK



### HANDLES



**LEVER/LEVER**  
BOTH TYPES ARE AVAILABLE IN WHITE, BLACK, GOLD & CHROME  
**PAD/LEVER**



**DOUBLE LEVER HANDLES**



### BARREL

A STANDARD KEY BARREL IS SHOWN LEFT



**OPTIONAL THUMBTURN**

Thumbturns can be used in the locking system of most doors.

### STANDARD FLAG HINGE

Standard white hinges are also available in dark brown & caramel.

These Hinges are designed to meet PAS 23/24 criteria and have 3D adjustment facility.

### DRIP BAR



Inward doors only.

IT IS ADVISABLE TO FABRICATE DOORS & FRAMES SEPARATELY THEN INCORPORATE 'COUPLERS' TO CONNECT. THESE VARY IN SIZE FOR STRENGTH AND STABILITY.



THE 'ARTISAN' RANGE OF FOILED COLOURS IS AVAILABLE TO STANDARD & FRENCH DOORS

### YALE MULTI-POINT LOCKING MECHANISM

Standard on all doors – not used on Stable Doors.  
The lock can be fitted with optional shoot bolt extensions (Standard on French Doors).

