POLYFRAME
QUALITY BY DESIGN

THE CALDER COLLECTION

A COMPLETE RANGE OF COMPOSITE DOORS



THE CALDER COLLECTION

The Calder Composite Door Collection has been designed with meticulous attention to detail, and finished to the highest possible standards. The range provides an attractive and effective solution for residential properties in both the public and private sector, and has been developed to offer the highest security and weather performance.

Additionally the Calder Collection includes **Double Rebated Doors, Single Rebated Doors, Flood Doors, Fire Doors and Utility Doors.**

Whatever your individual requirement the Calder Collection is guaranteed to deliver.





Contents

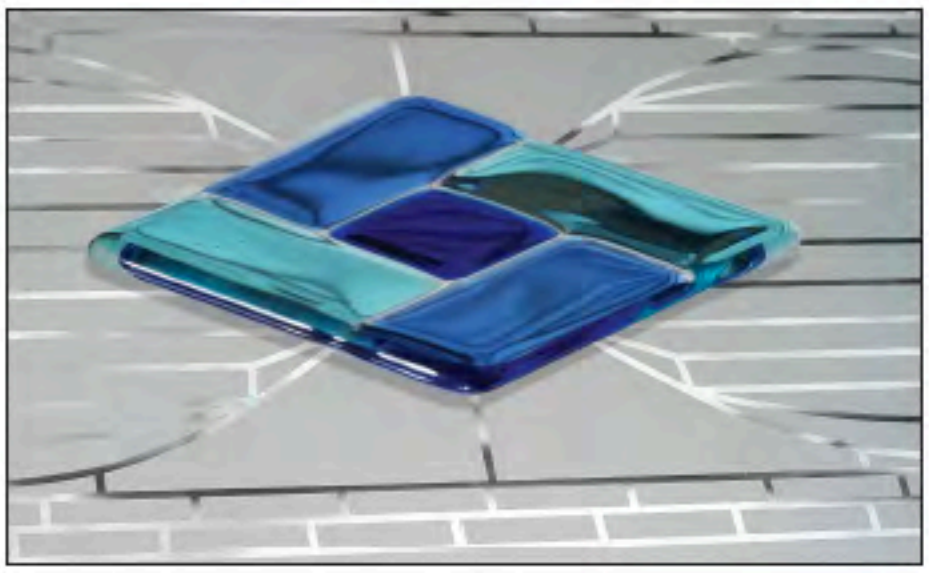
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Elegance & Kerb Appeal

The front door to a home speaks volumes about the people who live there. The Calder Composite Door Range brings quality, beauty and elegance to the property.

A truly beautiful door that will bring the property to life but at the same time improve the security and weather protection.

Why compromise when the Calder Collection can transform your home.

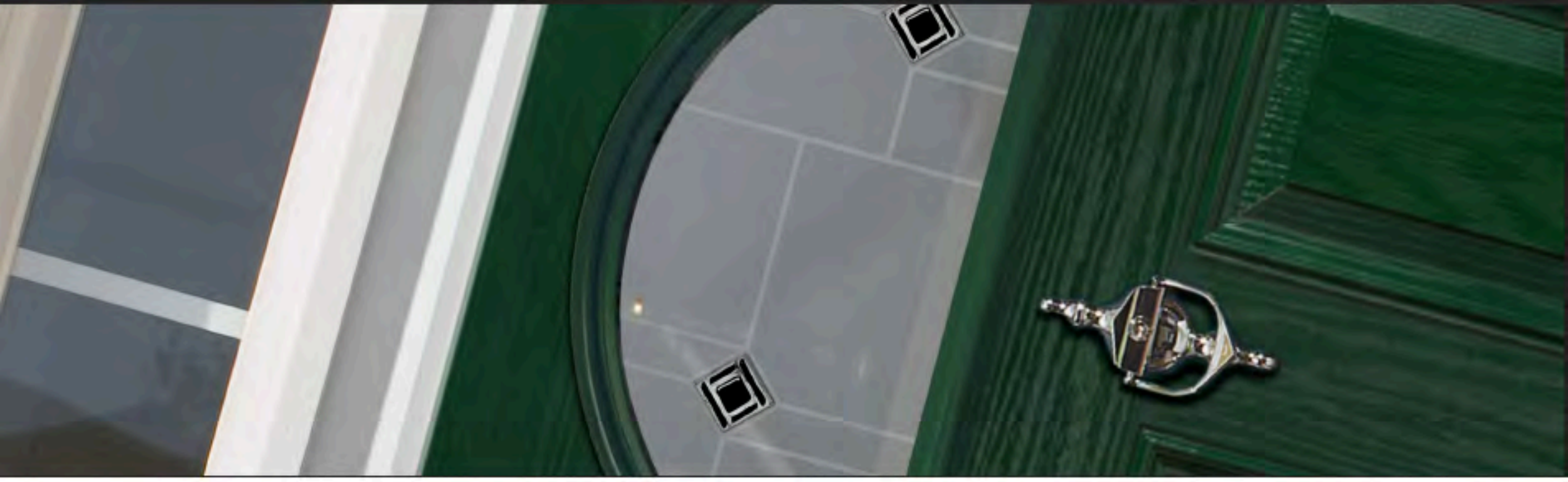


Stunning doors

Elegant glass

The perfect choice

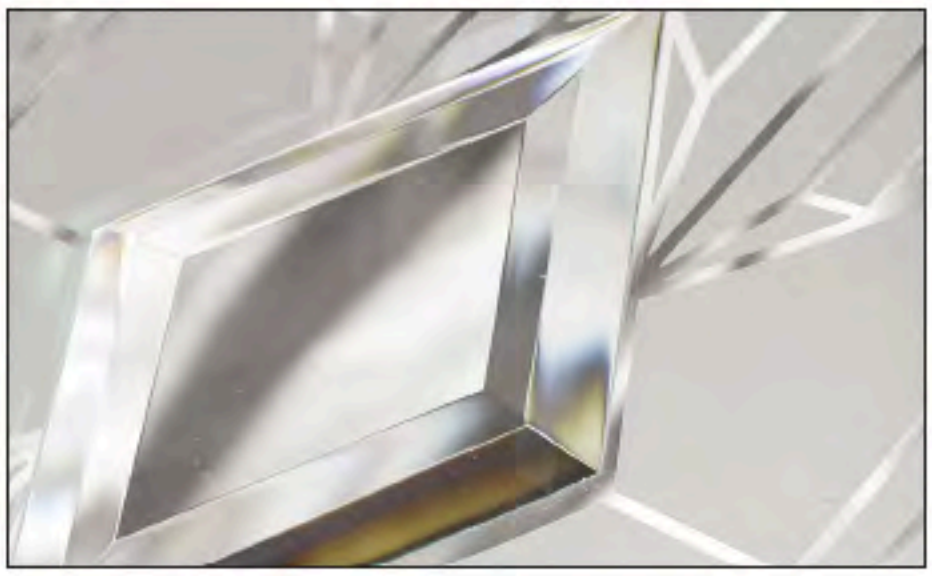


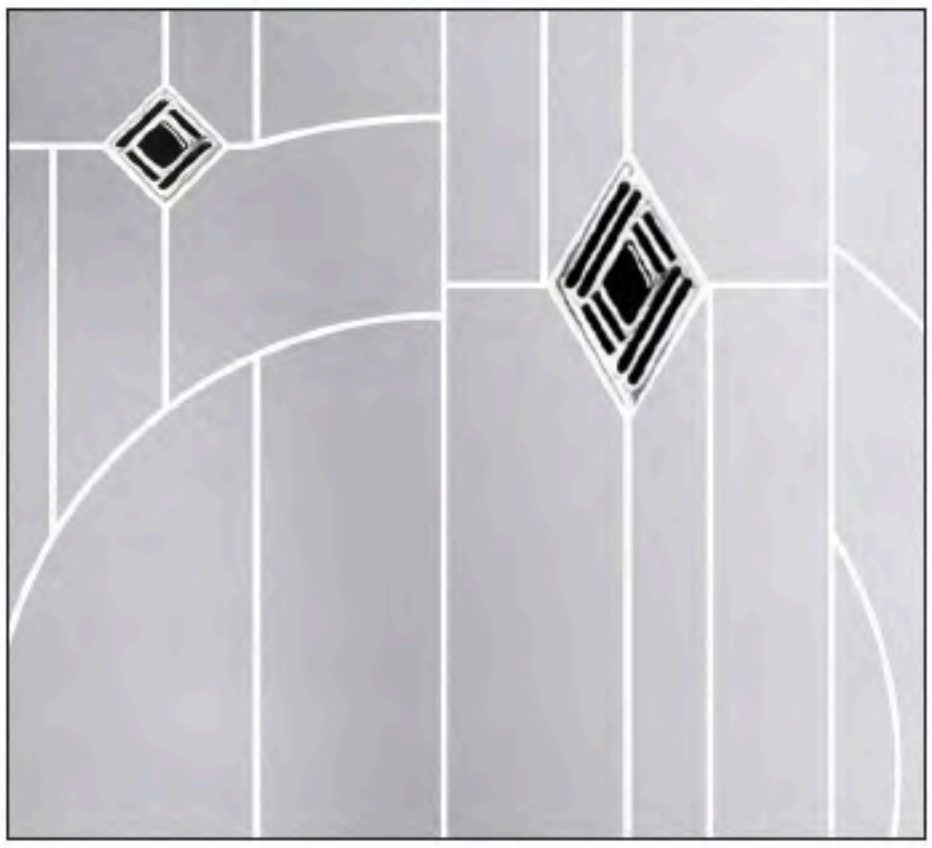


Stylish & Secure

With a choice of 12 stylish doors, 8 colours and 9 beautiful glass designs the permutations available from The Calder Collection are endless.

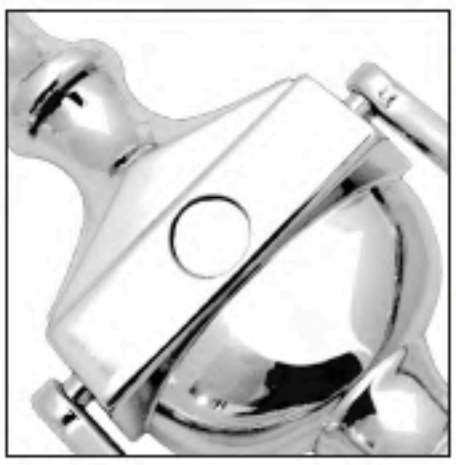
This coupled with the choice of 5 ranges will ensure that whatever your requirement the Calder Collection can deliver.













QUALITY

ELEGANCE

STYLE

DURABILITY



THE ULTIMATE DOOR

In addition to the excellent security features, the Calder Composite Door Protection also has unrivalled thermal and acoustic properties.

Available in either 68mm Double Rebated or a less expensive 44mm Single Rebated option the Calder Collection offers a choice of door for every budget.

The 68 mm and 44mm composite slab and 70mm outerframe are also timber free making them easier to install and less prone to warping and twisting. This coupled with the extra sharp high grain embossed definition makes the Calder Collection an authentic, secure, easy to maintain and elegant front or back door.

Coupled with an extensive range of decorative and patterned glass styles, eight colour choices and 12 attractive designs - the Calder Collection has a Composite Door to suit all styles and tastes.

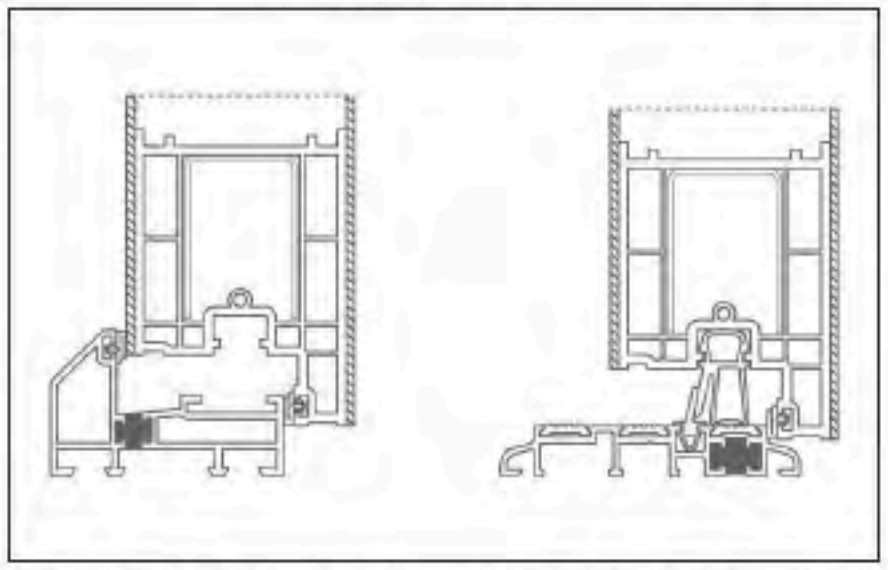
Please Note - Single Rebated and Fire Doors are only available with White inner skin

EXTRA SHARP WOODGRAIN DEFINITION



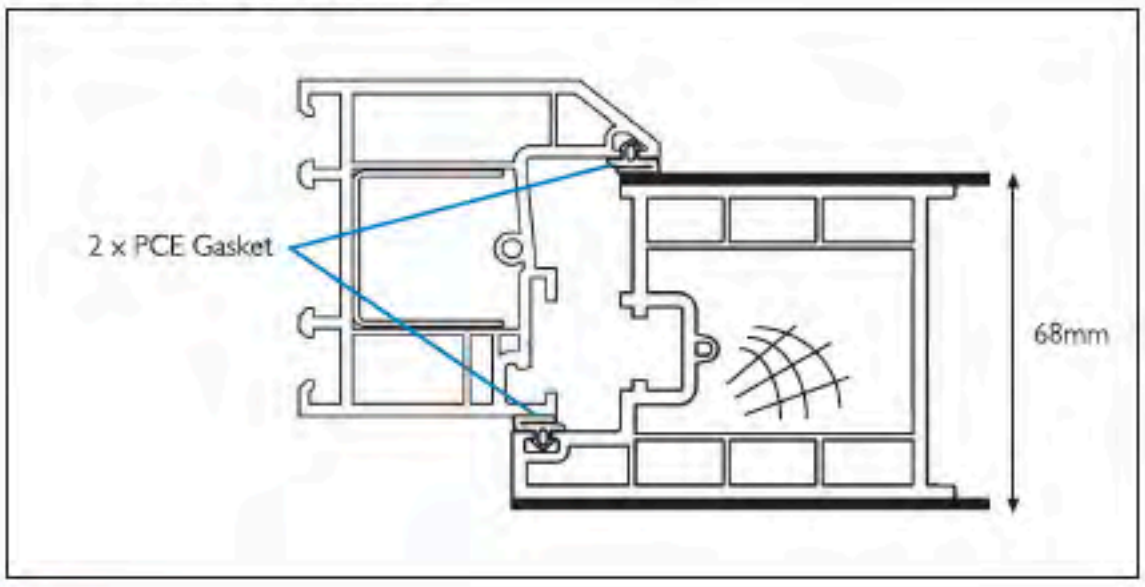
THRESHOLD OPTIONS*

PART M. LOW ALUMINIUM, PVCU

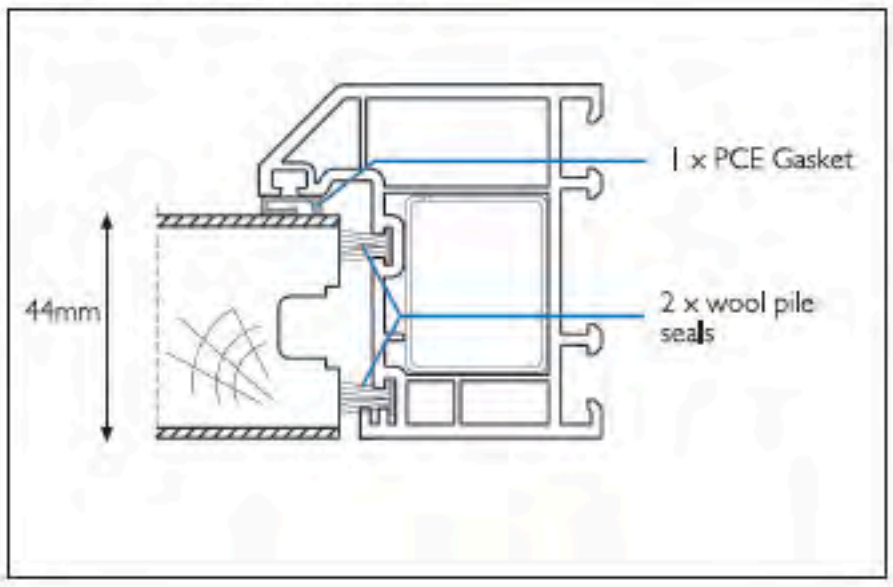


** Single Rebate doors only available with Part M Threshold.*

DOUBLE REBATE



SINGLE REBATE







Top Lights & Side Lights



To ensure that the Calder Composite Door Collection meets your exact requirement - top lights and side lights are available.

Quality Guarantee - Rest Assured

Properties & Accreditations

PAS23 PAS24 APPROVED

Kitemark licensed to PAS23 & PAS24, the latest and most stringent BSI security standards

10 YEAR GUARANTEE

All Calder Doors come with a full and comprehensive 10 year product guarantee

GRP EXTERIOR

Ultra strong GRP skin. Available to withstand high impact strikes and blows. Won't warp, fade or crack

NATIONWIDE

England, Scotland, Ireland and Wales - nationwide delivery from Polyframe

UK MADE

All doors are manufactured in our dedicated manufacturing facility

Hardware and Furniture

HARDWARE

Top quality hardware available in gold and silver finishes

DDA APPROVED

DDA compliant hardware supplied on a bespoke basis to deal with particular project requirements - includes extended lever handles, key / thumbturn, colour contrasting handles.

HISECURITY

Multipoint locking as standard, adjustable keeps - meeting Secured by Design accreditation

LETTERPLATES

Hardex gold aluminium letterplates including external weather seals and internal draught brush seal. Letterplate security cowls available where SBD accreditation is required (BS EN 13724)

Environment

ENVIRONMENT

Low U Values
Sustainable materials and manufacturing
Calcium organic outerframe
Saves on energy bills and reduces CO2 emissions

RISHWORTH *Double and Single Rebated Options*



U Value - 0.8

Please Note: - *Side light options see page 9*
Hardware options see pages 28 & 29

Colour Choice for all Double and Single Rebated Doors



White
RAL9016



Black
RAL8022



Red
RAL3011



Green
RAL6009



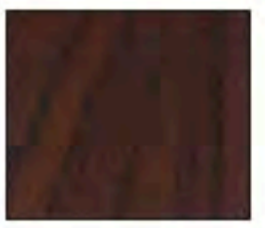
Dark blue
RAL5011



Burgundy
RAL3005

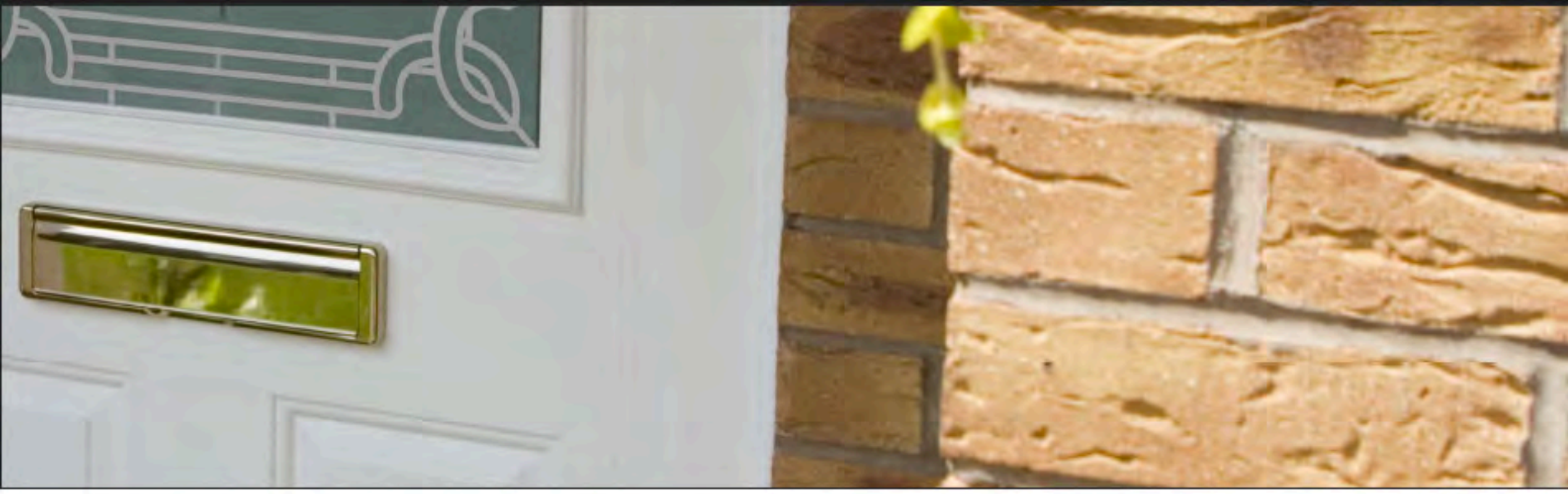


Golden Oak
GRP



Rosewood
GRP



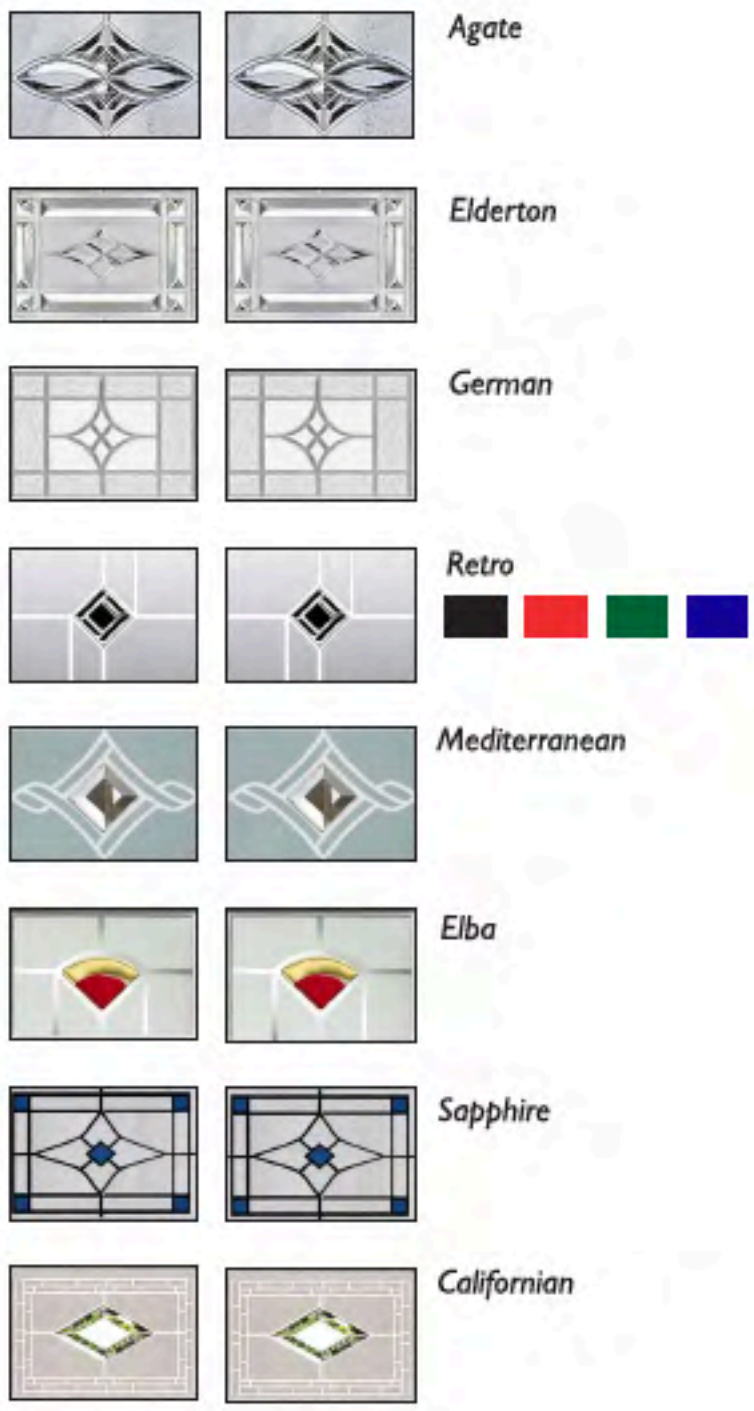


RIPPONDEN *Double and Single Rebated Options*



Colour Choice - See Page 10

Decorative Glass Styles



U Value - 0.8

Please Note: -

Side light options see page 9
Patterned glass styles see page 22
Hardware options see page 28 & 29

GREETLAND *Double and Single Rebated Options*



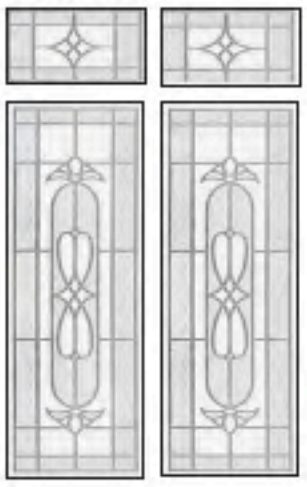
Colour Choice - See Page 10

Decorative Glass Styles

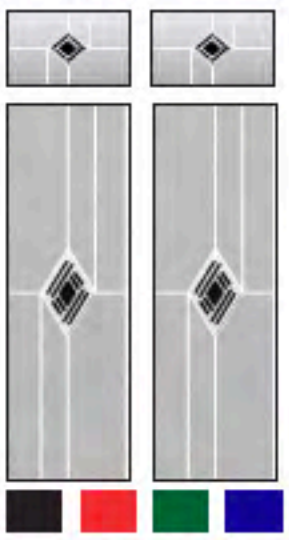
Agate



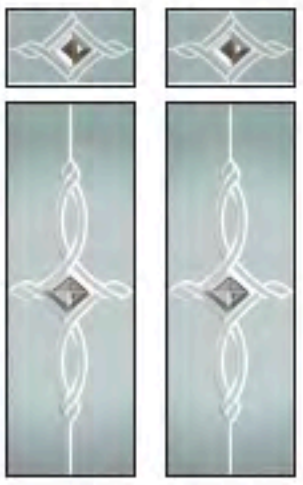
German



Retro



Mediterranean



Elderton



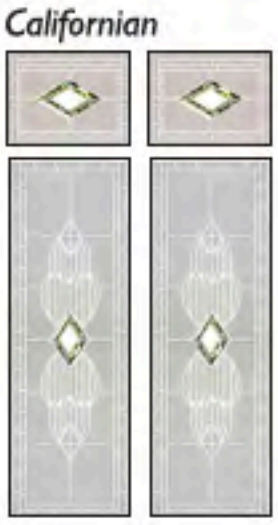
Elba



Sapphire



Californian



U Value - 1.1

Please Note:-

Side light options see page 9
Patterned glass styles see page 22
Hardware options see pages 28 & 29

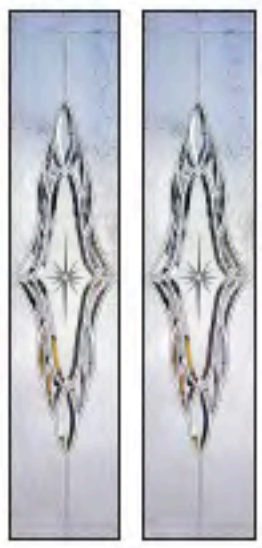
HEBDEN *Double and Single Rebated Options*



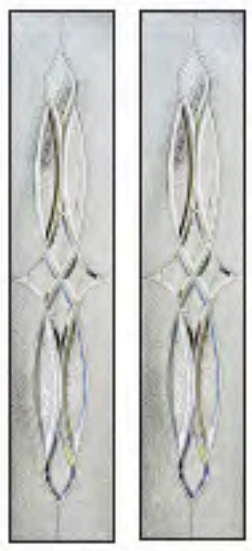
Colour Choice - See Page 10

Decorative Glass Styles

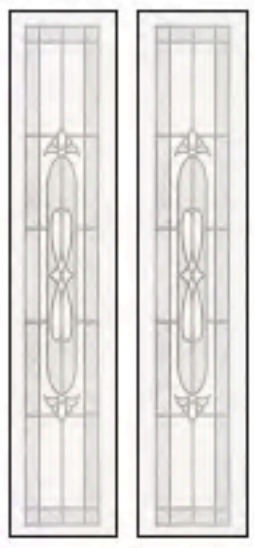
Agate



Elderton



German



Retro



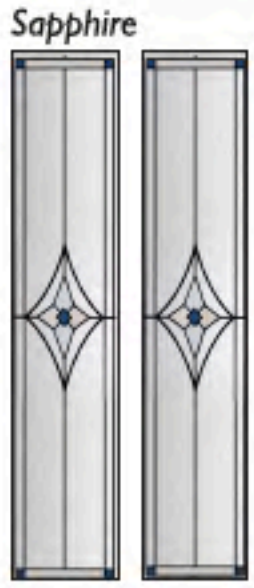
Mediterranean



Elba



Sapphire



Californian



Californian with Tiles



U Value 1.1

Please Note: -

Side light options see page 9
Patterned glass styles see page 22
Hardware options see pages 28 & 29

SOWERBY

Double and Single Rebated Options



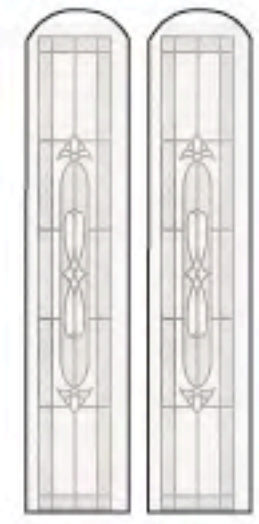
Colour Choice - See Page 10

Decorative Glass Styles

Agate



German



*Retro**





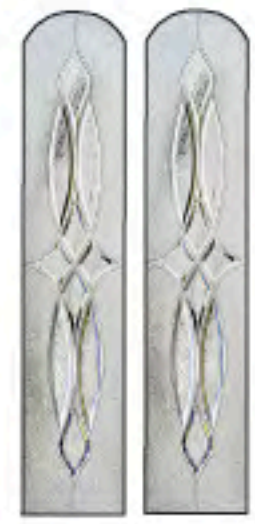
Elba



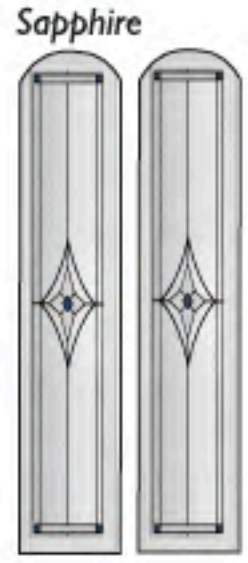
Mediterranean



Elderton



Sapphire



Californian



*Californian With Tiles**





U Value 1.1

Please Note: -

Side light options see page 9
Patterned glass styles see page 22
Hardware options see pages 28 & 29

BARKISLAND

Double and Single Rebate Options



U Value 1.2

Please Note: -

For side light options see page 9
patterned glass options see page 22
For hardware options see pages 28 & 29

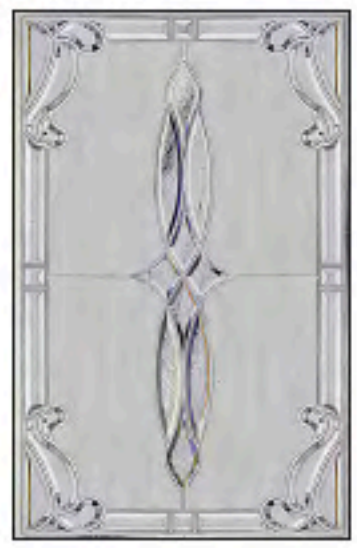
Colour Choice - See Page 10

Decorative Glass Styles

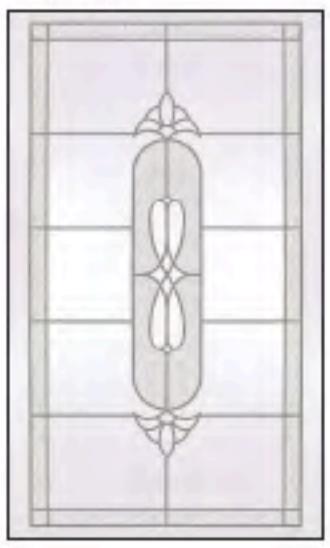
Agate



Elderton



German



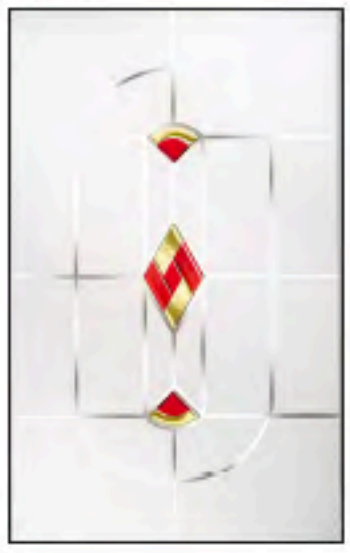
Retro



Mediterranean



Elba



Sapphire



Californian



Californian with Tiles



HIPPERHOLME

Double and Single Rebated Options



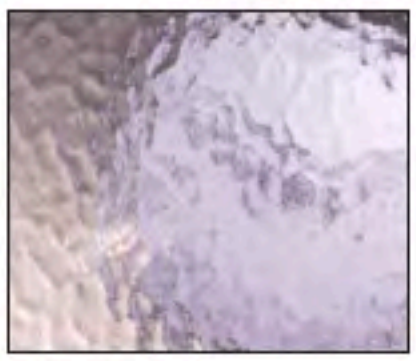
U Value 1.2

Please Note: -

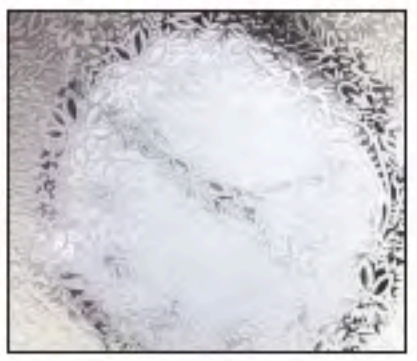
Side light options see page 9
Hardware options see pages 28 & 29

Colour Choice - See Page 10

Patterned Glass Styles



Minster - Level 2



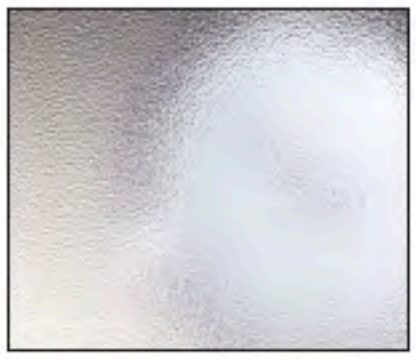
Chantilly - Level 3



Digital - Level 3



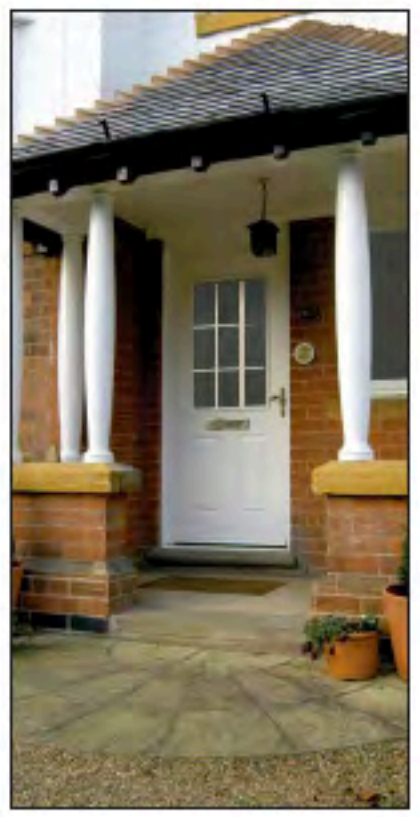
Contora - Level 4



Stippolyte - Level 4



Pelerine - Level 4



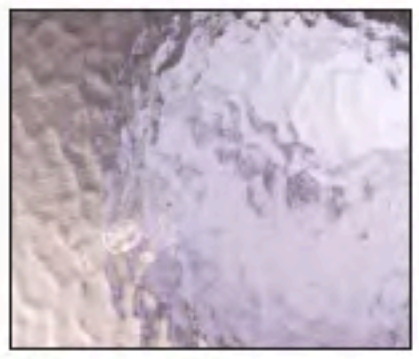
SHIBDEN *Double and Single* Rebated Options*



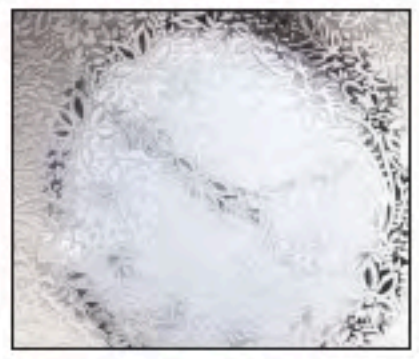
Colour Choice - See Page 10

Patterned Glass Styles

Obscurity levels are as indicated. Not available on decorative styles.



Minster - Level 2



Chantilly - Level 3



Digital - Level 3



Contora - Level 4

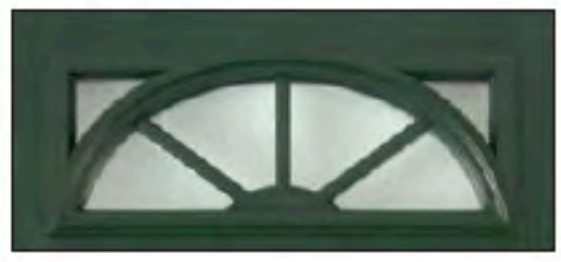


Stippolyte - Level 4



Pelerine - Level 4

** Single Rebate. The arch design on Single Rebated doors is shown below.*



U Value 0.9

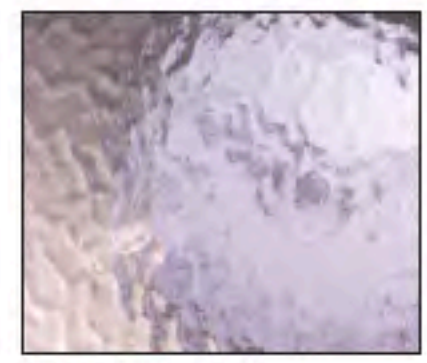
Please Note: - *For side light options see page 9*
For hardware options see pages 28 & 29

NORLAND *Double and Single* Rebate Options*

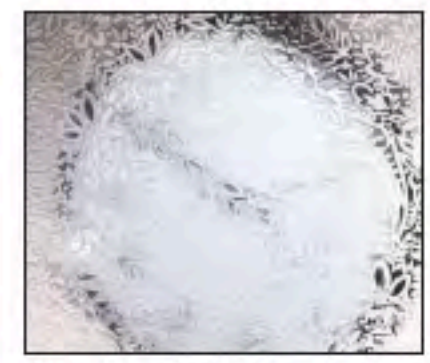


Colour Choice - See Page 10

Patterned Glass Styles



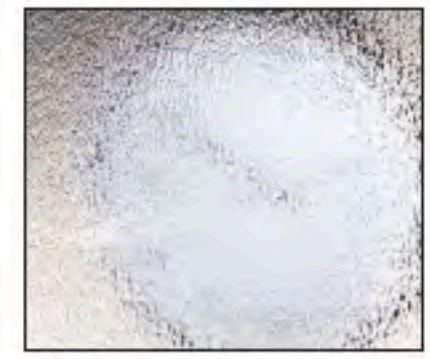
Minster - Level 2



Chantilly - Level 3



Digital - Level 3



Contora - Level 4

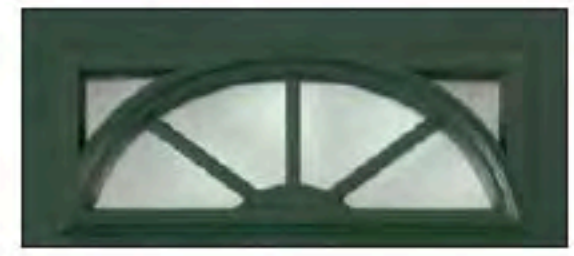


Stippolyte - Level 4



Pelerine - Level 4

** Single Rebate. The arch design on Single Rebated doors is shown below.*



U Value 1.1

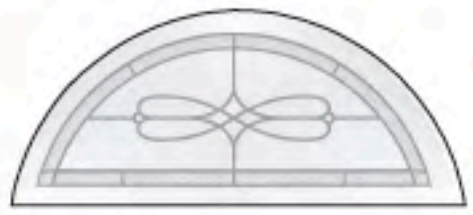
Please Note: - *For side light options see page 9*
For hardware options see pages 28 & 29

SOUTHOWRAM *Double Rebated Only*



Colour Choice - See Page 10

Decorative Glass Styles



German



*Retro**



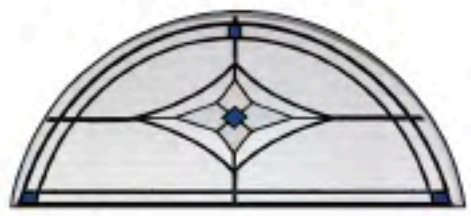
Mediterranean



Elderton



Elba



Sapphire



Californian

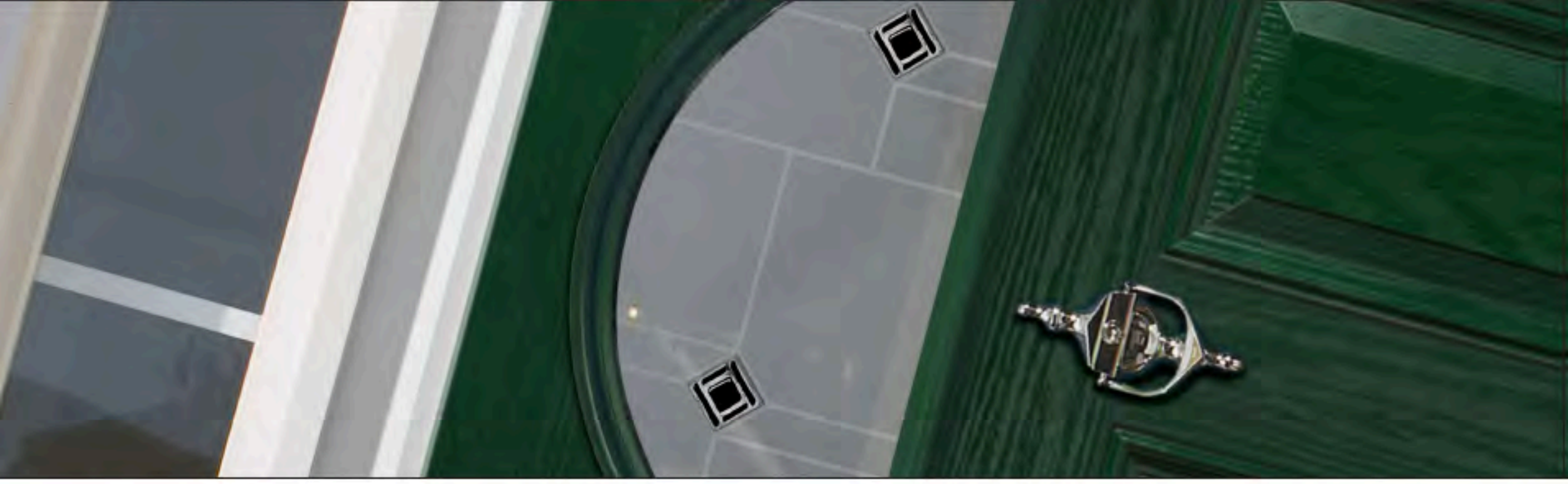


Mediterranean Glass detail

U Value 0.9

Please Note:-

Side light options see page 9
Patterned glass styles see page 22
Hardware options see pages 28 & 29



The Calder Collection

SOYLAND *Double Rebated Only*



Colour Choice - See Page 10

Decorative Glass Styles

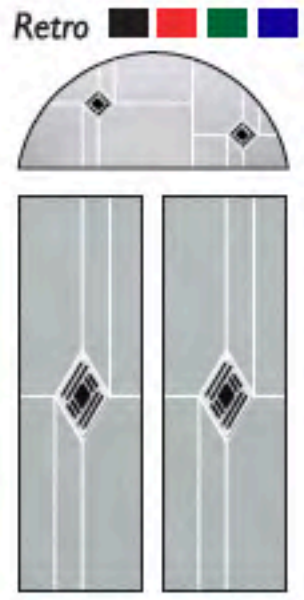
Elderton



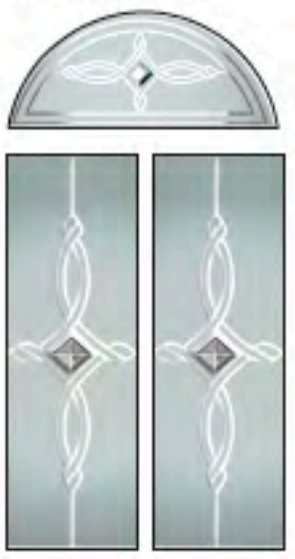
German



Retro



Mediterranean

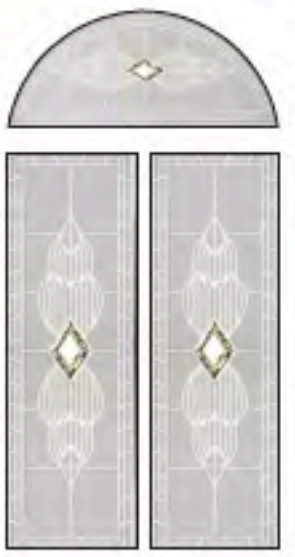


Sapphire

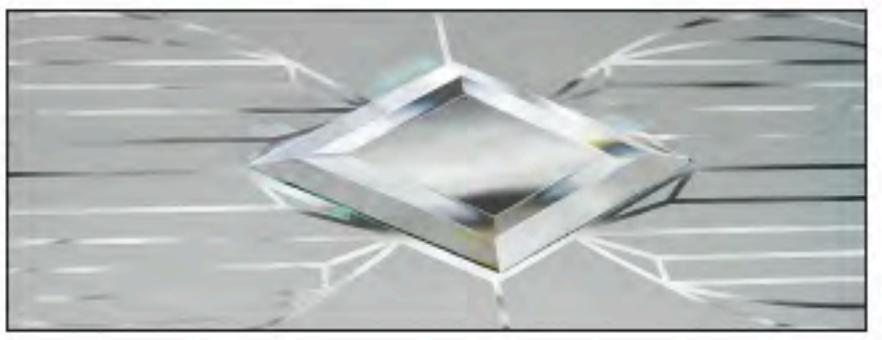


Elba





Californian



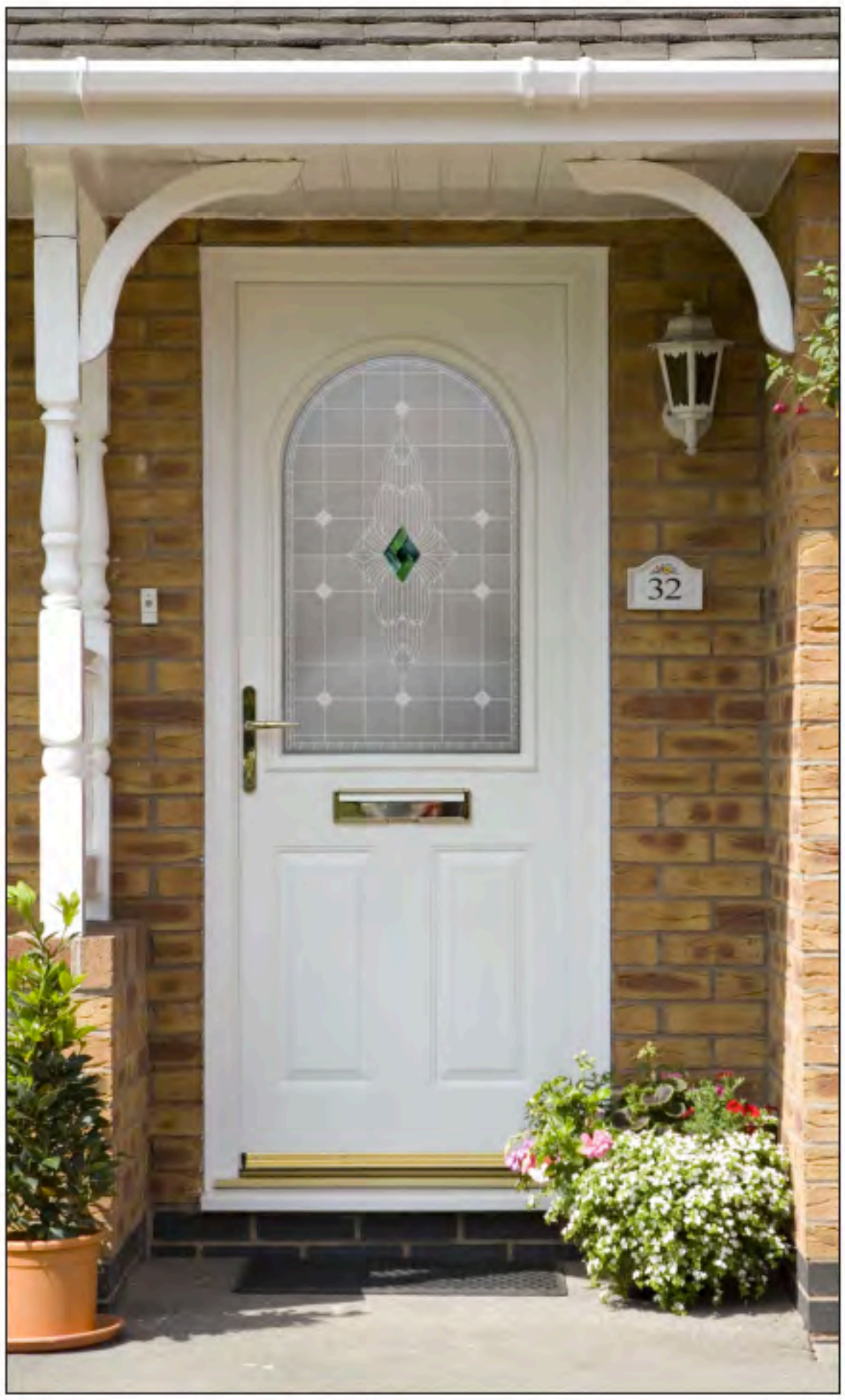
U Value 1.1

Please Note: -

Side light options see page 9
Patterned glass styles see page 22
Hardware options see pages 29 & 29



LUDDENDEN *Double Rebated Only*



Colour Choice - See Page 10

Decorative Glass Styles



German



Retro



Mediterranean



Elba



Sapphire



Californian with Tiles



Californian

U Value 1.2

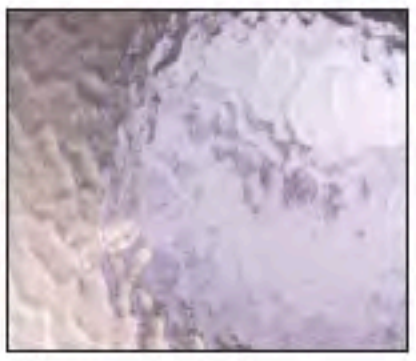
Please Note:-

Side light options see page 9
Patterned glass styles see page 22
Hardware options see pages 28 & 29

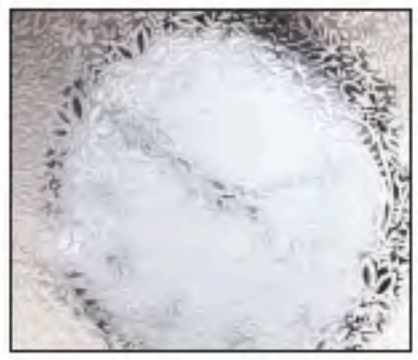
PATTERNED GLASS STYLES

The Hipperholme, Shibden and Norland Composite doors are only available with the glass types illustrated. Additionally any other style in the Calder Collection can be supplied with these glass types if a decorative option is not required.

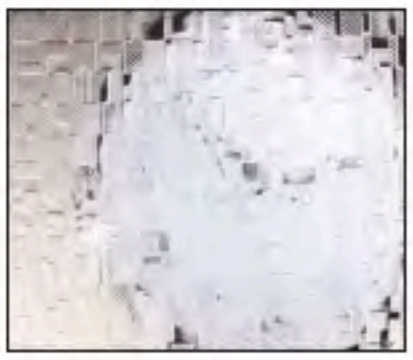
Clear toughened backing glass is supplied on both decorative and patterned units.



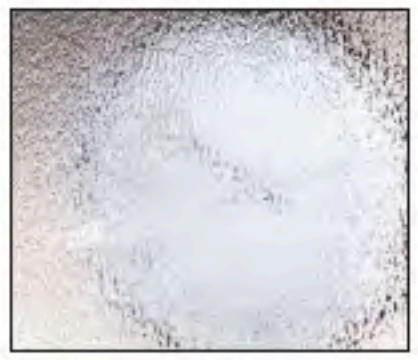
Minster - Level 2



Chantilly - Level 3



Digital - Level 3



Contora - Level 4



Stippolyte - Level 4



Pelerine - Level 4



Ripponden with Minster Obscure glass

CALDER FIRE DOORS

With Apartment living becoming more popular the Calder Collection also features a range of Fire Doors to give owners total peace of mind when living in multi occupancy buildings. The Ripponden, Rishworth, Hebden, Barkisland and Shibden are all available with a special fire resistant door panel in either white, red, blue, green or burgundy. Inner skin is only available in White.


Rishworth


Ripponden


Hebden

- ***Composite Panel - 44mm Thick Single Rebated***

Individually made to measure from SPECIAL FIRE DOOR Blanks

No cutting down to size

Vermiculite fire retardant core material



Centre Chamber includes fire retardant plaster board filling.

Intumescent strip

Fire retardant core

Engineered hardwood subframe

Durable EDPM rubber threshold seals


Barkisland


Shibden

- 

Glass

Inner Pane - 6.4mm laminated

Outer Pane - 7mm Georgian Wire Cast Pyroshield.

- ***Door Frame***

Dedicated 70mm PVCu profile extruded to BS7413 specifications with full steel reinforcement and flame retardant material.

- ***Door Construction***

Grained GRP moulded skins in 5 colours (outer skin). Inner skin - grained GRP moulded skins in white with vermiculite inner core

- ***Locking Mechanism***

Winkhaus Cobra or AV2 lock tested to the requirements of PAS23 / PAS24 weather performance and security standards - Secured by Design.

Secured by Design

SBD

Official Police Security Initiative

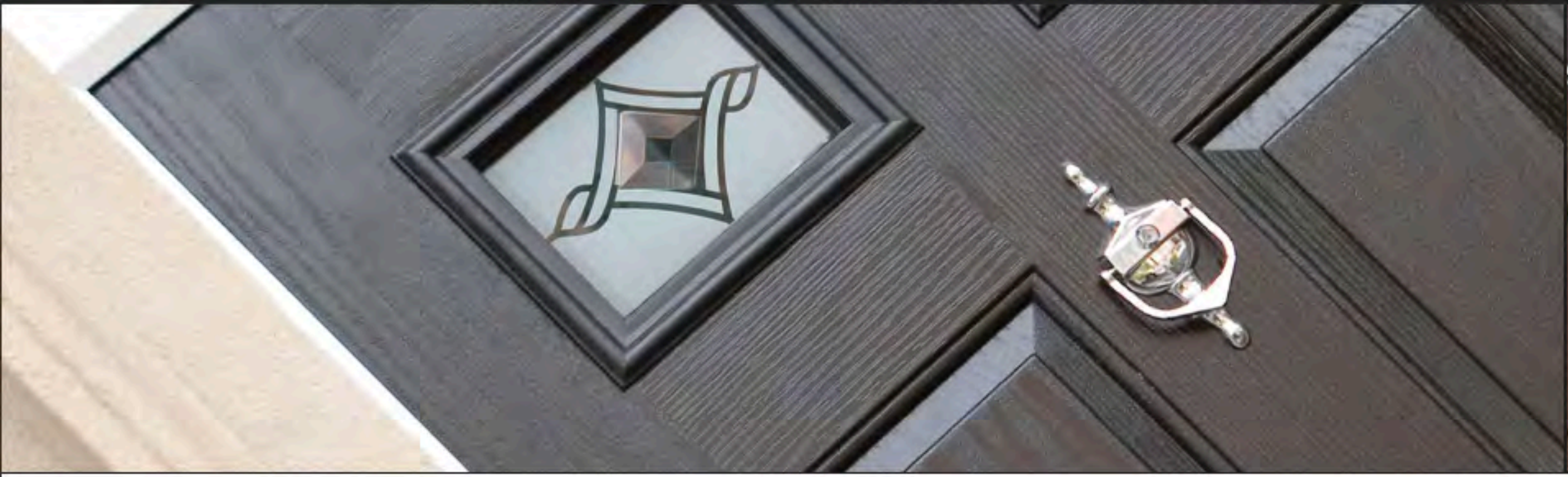
Safety

30 Minute Fire Rating BS476 Part 22. Fire Door Rating FD30S.

Doors tested to PAS024 security standard which measures resistance against forced mechanical and human entry.

Doors tested to latest PAS023 standard which measures resistance to air and water penetration.

All our doors meet the requirements of 'Secured by Design' - a standard recognised by the association of British Insurers



The Calder Collection

Flood Doors

There are approximately 5 million homes in the UK at risk of flooding, with 10% of these homes suffering flood damage during the year. As part of the Calder Collection we can also offer a double rebated flood resistant door. These doors delay the ingress of water in the event of flooding and provides extra time in which to save treasured possessions.

The Calder Flood Door Range comes with an advanced 12 point locking system, with additional locking points in the cill and hinge side of the door, improved sealing and higher security. This all results in a door that reduces water seepage by up to 99.5% compared to a standard flush fit door. Colour and glass designs are the same as the Calder Double Rebate Range.





Rishworth



Ripponden



Hebden



Barkisland



Hipperholme



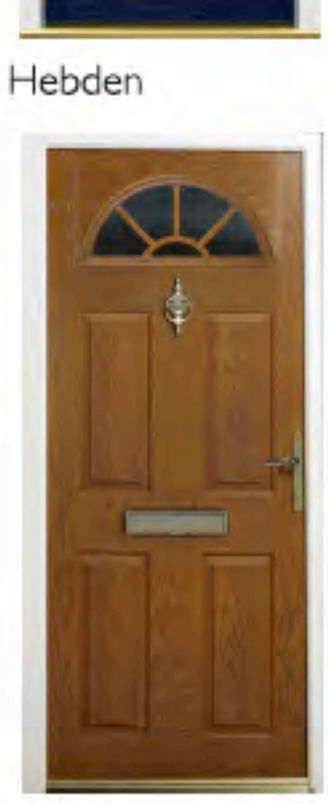
Greetland



Southowram



Soyland



Shibden



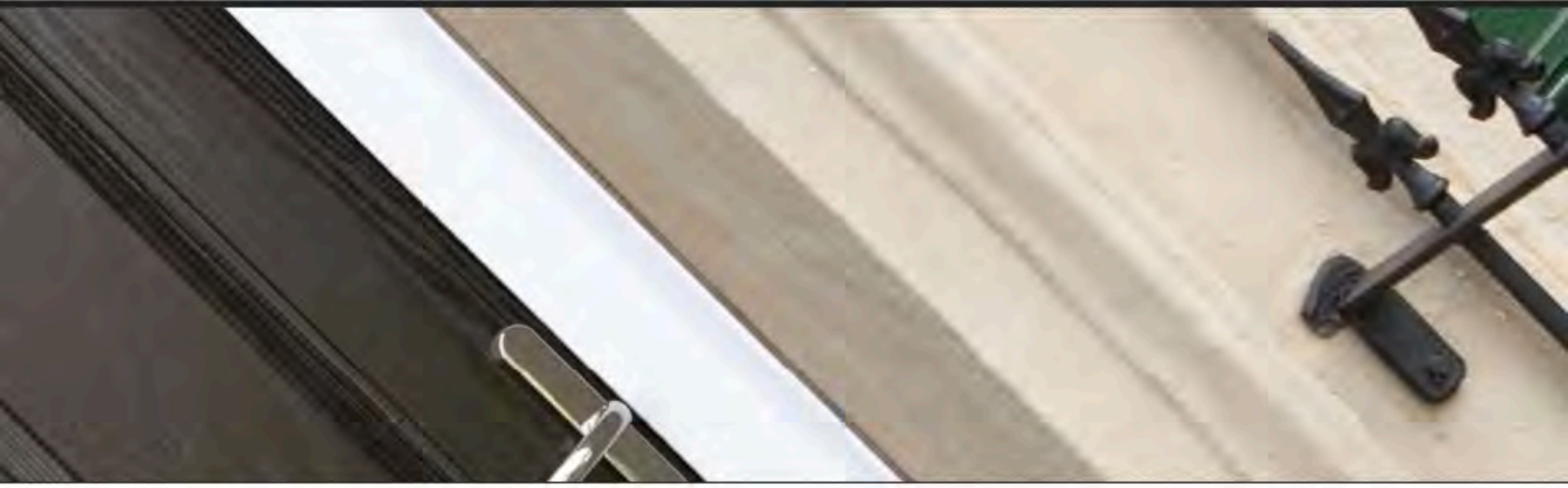
Norland



Luddenden



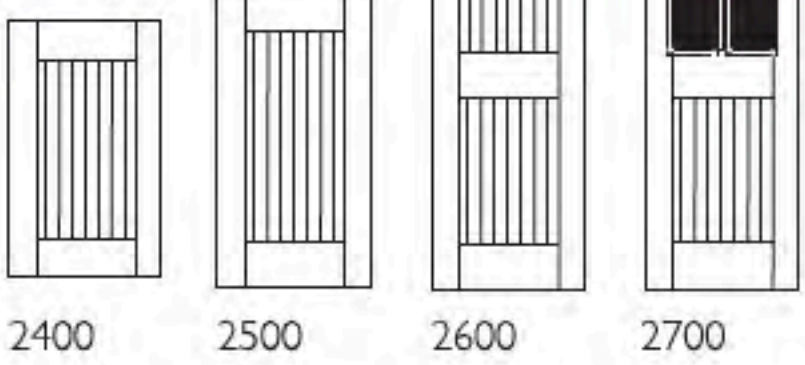
Sowerby



UTILITY RANGE

The Calder Utility Range is ideal for storerooms, meter cupboards, dustbin stores and many more applications. These single rebate doors are designed and manufactured to perform - at a budget price.

- ***Substrate***
  Individually made to measure - PVCu reinforcement (as required)
  No cutting down to size - Timber free - less prone to twisting and warping
- ***Door Frame***
  Steel reinforcement 70mm PVCu profile extruded to BS7413 specifications
  High impact resistant tested to latest standards
  Timber free - less prone to twisting and warping
- ***Door Skins***
  Outer Skin - White PVCu or coloured GRP moulded skins in 4 colours.
  Inner Skin - White PVCu
  100% CFC free polyurethane thermally insulated inner core.
- ***Handle & Locking Mechanism***
  5 lever mortice lock with D Handle or Lever /lever handle
  with Cobra centre latch
- ***PVC Outerframe***
  Reinforced dedicated 70mm composite
  door outerframe specification 44mm door sash.
- ***Reinforcement***
  Galvanised steel reinforcement section
- ***Threshold Options***
  Low aluminium in Matt Silver effect only
- ***Hinge Type***
  Non adjustable butt hinges - 2 or 3 per door (depending on size)
- ***Glass Type - 2700 Only***
  Stipployte Level 4
- ***Door Styles***



2400 2500 2600 2700



5 Lever Lock



Colour Options



White RAL9016 *Dark blue RAL5011* *Green RAL6009* *Burgundy RAL3005*

Door Sizes

Sizes -	Width		Height	
	min	max	min	max
2400	681	990	744	1079
2500	681	990	1116	1331
2600	681	990	1884	2126
2700	710	990	1884	2126



Safety & Security

The Calder Collection offers the highest possible security standards available. We have utilised only the highest quality locks, cylinders and hinges to ensure that you and your property are protected from unwanted entry.

The Calder Range of Composite Doors has been extensively tested and has achieved PAS024, PAS023 and Secured by Design, the official police security initiative.

With high security multi-point locking and a 6 pin anti bump, snap and drill cylinder to BSEN1303/2005 you can rest assured that your new composite door will provide the highest security available.



Please Note: Utility Doors come with a 5 lever mortice lock

Secured by Design

Official Police Security Initiative

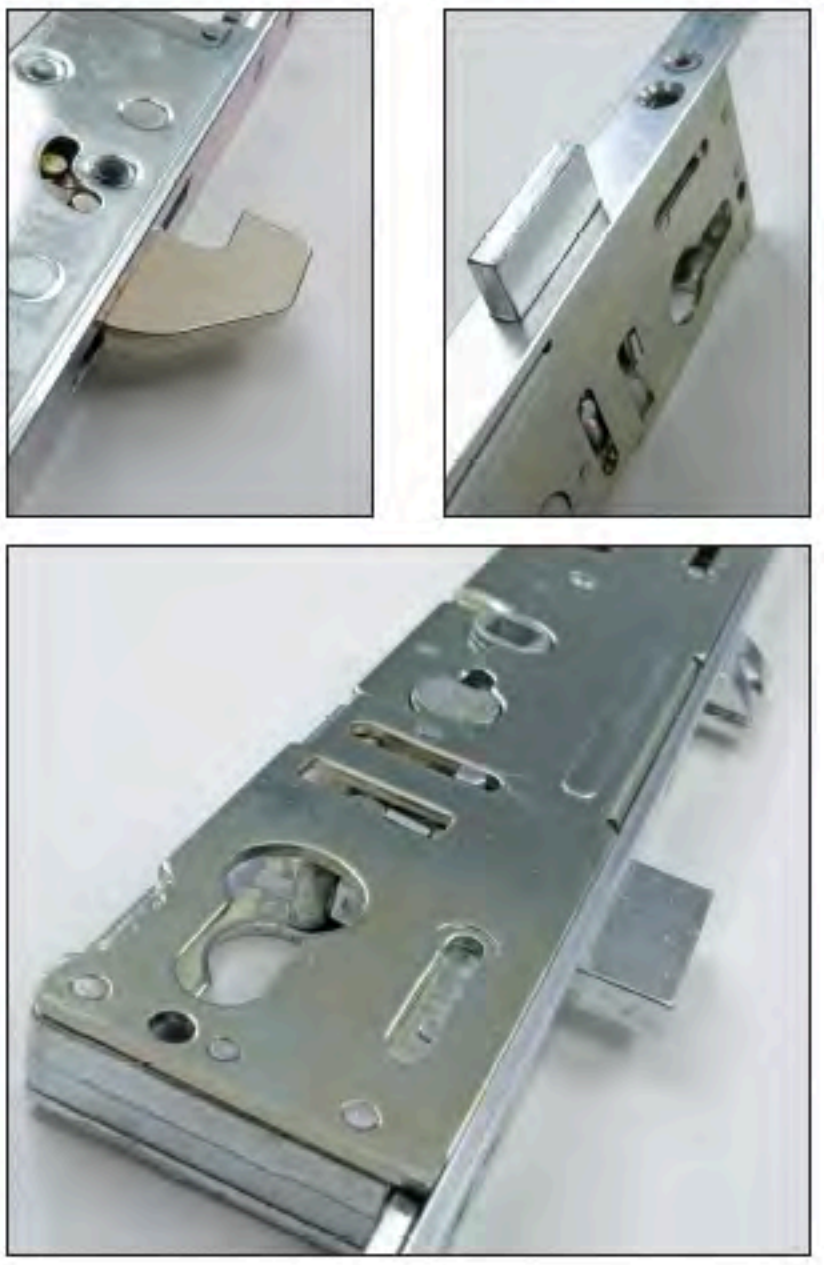
ISO 9001 - FS30029
ISO 14001 - EMS69910
OHSAS 18001 - OHS82381

BS7950-7412
KM45766

BS7412
KM45620

ISO9001:2008
LICENSE NO. FM51659

High security nickel plated steel hooks fully penetrate the keep rail and prevent forcing apart of the sash and frame.







Security Features

Multi Point locking to PAS024 / PAS023

Anti Bump, Anti Snap and Anti Drill cylinder

3 White SFS fully adjustable flag hinges

Preformed door skins with high impact against resistance.

Double Rebated - 68mm door sash - over 50% thicker than most composite doors

Fully steel reinforced outerframe

High density CFC free environmentally friendly polyurethane foam inner core with a solid composite construction

Glazing cassette complies to PAS024 / PAS023

26mm sealed units - toughened as standard

Internally glazed as standard

PAS23
PAS24
APPROVED

Engineered alloy sprung latch with a nickel plated steel deadbolt providing maximum strength at the centre of the door.

The Finishing Touches

To complement the Calder Composite Door Collection we offer a range of accessories to enable you to create the door that suits your own needs.

All our accessory and hardware options are fully guaranteed and are salt spray tested to ensure that no discolouration occurs.

Available in Chrome or Gold the Calder Accessory Range is sure to add to the elegance of your new door.



Spyholes



Security Chain

Letterplate







Door Handles

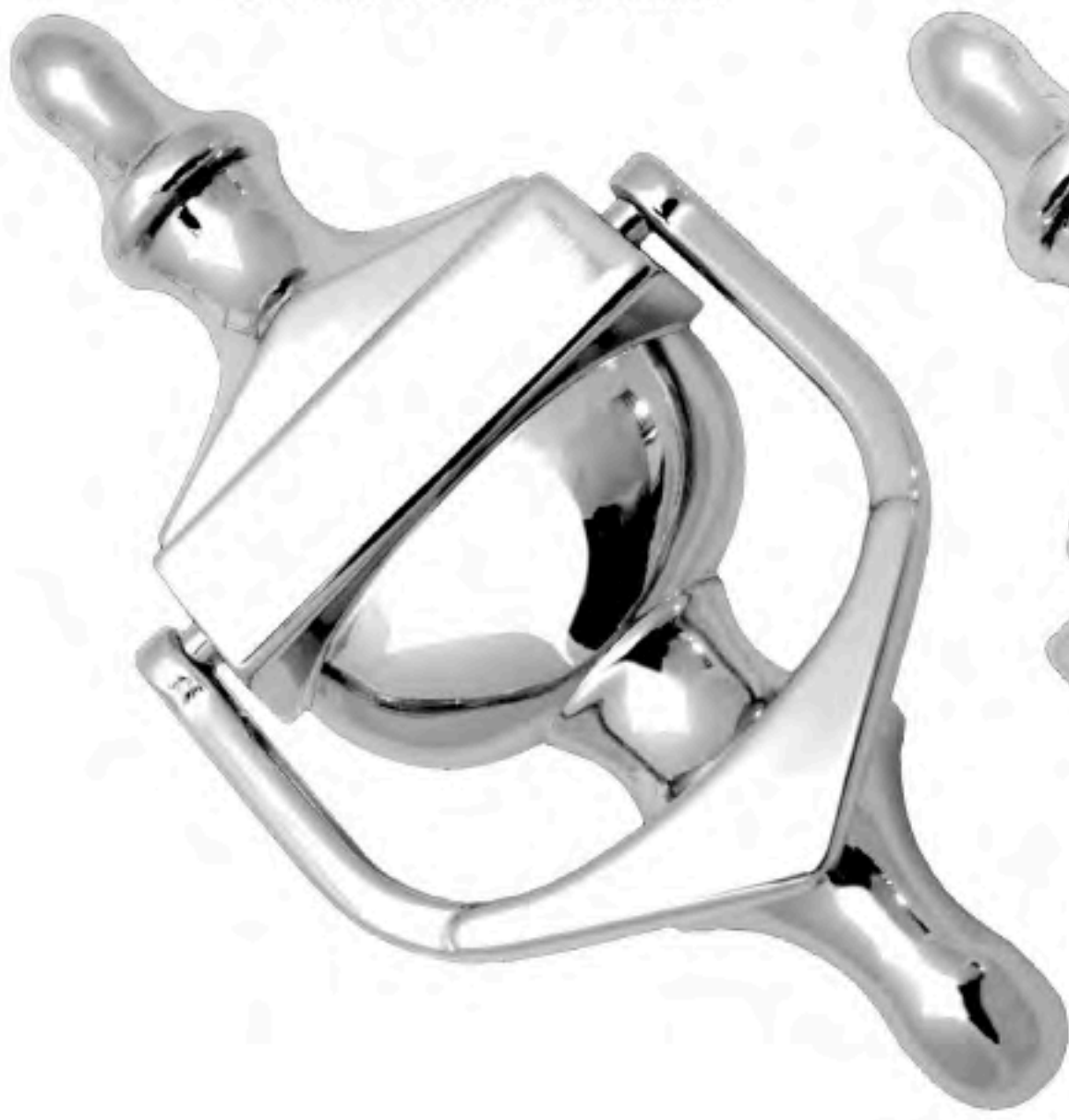
Lever / Lever or Lever / Pad





Urn Door Knocker

With or without spyhole







STYLE SELECTOR

The quick reference door selector is designed to enable you to make an informed choice on your prefered style of door and to ascertain at a glance whether the style you desire is included in your required range.

	Double Rebated	Single Rebated*	Fire Doors*	Flood Doors
RISHWORTH	Yes	Yes	Yes	Yes
RIPPONDEN	Yes	Yes	Yes	Yes
GREETLAND	Yes	Yes	No	Yes
HEBDEN	Yes	Yes	Yes	Yes
SOWERBY	Yes	Yes	No	Yes
BARKISLAND	Yes	Yes	Yes	Yes
HIPPERHOLME	Yes	Yes	No	Yes
SHIBDEN	Yes	Yes	Yes	Yes
NORLAND	Yes	Yes	No	Yes
SOUTHOWRAM	Yes	No	No	Yes
SOYLAND	Yes	No	No	Yes
LUDDENDEN	Yes	No	No	Yes

* Single Rebated and Fire Doors only available with White inner skin

COLOUR SELECTOR

White



Double Rebated
Single Rebated
Fire Doors
Flood Doors

Black



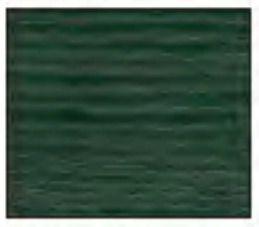
Double Rebated
Single Rebated
Flood Doors

Red



Double Rebated
Single Rebated
Fire Doors
Flood Doors

Green



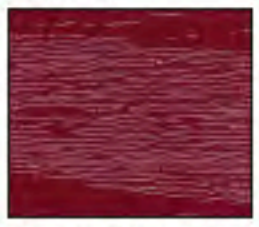
Double Rebated
Single Rebated
Fire Doors
Flood Doors

Dark Blue



Double Rebated
Single Rebated
Fire Doors
Flood Doors

Burgundy



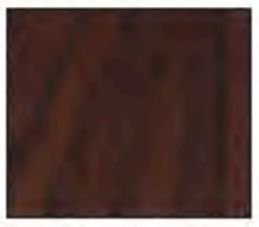
Double Rebated
Single Rebated
Fire Doors
Flood Doors

Golden Oak



Double Rebated
Single Rebated
Flood Doors

Rosewood



Double Rebated
Single Rebated
Flood Doors



RISHWORTH



RIPPONDEN



HEBDEN



GREETLAND



BARKISLAND



HIPPERHOLME



SOYLAND



SHIBDEN



SOWERBY



SOUTHOWRAM



NORLAND



LUDDENDEN

POLYFRAME

QUALITY BY DESIGN

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