



What a difference
a door makes

global
composite door

Failte

Bemvenuti

Yin dee

Huan Ying

Dobro Pozhalovat

Irashaimasu

Failte

ALOHA MAI

Welcome

O

ome

alovat

it

Yin dee

Welcome

Failte

W E L C O

ALOHA MAI

Bienvenue

Irashaimasu



Welcome home....

And get comfortable. Because we've got lots to tell you about our global composite doors. Behind that rather scientific-sounding name, you'll find the latest technology and design in doors. And when you're indoors you'll enjoy loads of style, strength and security.

Lets get personal now. How your door looks is up to you. Like traditional-style or contemporary? You can choose from sixteen styles in six colours. Keep looking – we've got three finishes of door furniture and a beautiful range of glass, too.

We like to keep our technicians busy. And you safe. So we've tested our doors to the very limit. Against extreme weather, extreme attack – and extremely over-enthusiastic visitors. And wannabe burglars are going to hate all those high-tech security features.

Make yourself at home.

Don't compromise... go composite



We don't believe in compromising on quality.

We've brought together materials to give you the very best in strength, easy maintenance, security, and weather resistance. Oh – and great looks as well.

Our global composite door is thick – but it's also very smart. In fact it's 44mm thick (compare that to conventional pvc panel doors at 28mm). And powerful too, thanks to its super-strong structure.

A structural frame and up-to-the-minute hardware makes our composite door even more secure. Its GRP finish means you'll be secure in all weathers. And enjoying great looks for years to come.





Home and dry

Showers...storms...drizzle...We hate to break it to you, but the average rainfall in the UK is between 700mm a year in East Anglia and 3,000mm a year in the Scottish Highlands*.

That's a lot of potential for leaks, puddles or even worse.

But we've designed our doors to withstand even the heaviest downpour.

The doors are tested by the BSI by spraying two litres of water every minute directly at the door in their test chamber. That's a serious amount of rain.

So even when it's cats and dogs out there, your global door will keep you snug and dry.

*Watertightness: Tested in accordance
with BS5368-2: 1980*

*Air permeability: Tested in accordance
with BS5358-1*

*Wind resistance: Tested in accordance
with BS5368-3: 1978*





For when it's definitely not kite flying weather

We can't tell you what's going to happen next. But we can make sure your door is fully protected against extreme weather conditions. Our doors are tested in a pressurised chamber to simulate gusting winds. The tests start at 500 Pascal – 63 miles an hour. Then the BSI turned those gusts up to the equivalent of 80 miles an hour (800 Pascal). That's stronger than a hurricane.

But we weren't quite content with that though. Because we want our doors to be fully prepared - like the Boy Scouts. So we took our in house test rig to over 100 miles an hour. The door remained unchanged!

We're not psychic. But we can predict your global composite door will keep you protected in all weathers.





The secret behind the frame...

We get excited about the dedicated transom bar on our global composite door frame.

Yes, we know it doesn't sound very interesting.

But that bar means your top box global composite door frame can be made in one piece. Making your door even stronger and more secure – with a fantastic finish.

So we'll understand if you start getting excited about the transom bar too.

Colour Match* - the start of something special

They say style never goes out of fashion. We know our global composite doors will stay looking good for life.

We're not a dating agency, but we do make great matches. We create doors

with frames that go perfectly with the interior of your home. No romance – but lots of style thanks to a white interior side. And perfectly matched frames and internal door colours.

**available from 2008*

Over the threshold

A door is much more than just a door.

It's the entrance to your own castle - minus the moat and drawbridge. It's your threshold to peace and quiet - or fun and frolics. It's a very welcome sign that the day is over and it's time to switch off.

We want to make sure you can get into your castle as easily and safely as possible. So we've designed our door with a very little step. That means easy access to your pad.

And once you're on the sofa, with the remote control safely in your hand, you'll stay cosy. Because our door's smart thermal break feature will stop the cold getting into your castle.



*Available in three colours:
gold, chrome and black.*

Part M compliant

Letterplate: Postie's choice

Think of the biggest, fattest Sunday paper.

You know – the one that's giving your paperboy biceps.

It's no match for our top of the range letter plate. Its super-strong frame and flap are both solid dye cast metal. The nylon brush inside stops the drafts and we seal your letter plate twice to make sure it will stand up to any wind and rain.

The flap is fully sprung loaded - so it closes perfectly every time. And it opens to 180 degrees. Which means even big packets and your favourite Sunday paper will post through easily.

The postman won't ever need to ring.



Salt Spay tested to 240 hours







Style - with knobs on

Your place, your taste – right?

That means finding the right furniture and fittings to suit your home. From carpets and sofa in the living room – to the perfect taps and bath in the er... bathroom.

An aficionado of the ultra modern – or tempted by the traditional?

Whether you want the matching set in gorgeous gold, contemporary chrome or understated black.

We've designed everything from knockers to numbers and from handles to hinges as a complete suite – and a complete treat for your home. So you'll have a guaranteed perfect colour matched finish.

And a front door you're proud to come home to.

Get dressed up

Diamonds are meant to be a girl's best friend. But we're more excited about gold. Not the usual finished kind that tarnishes. The specially toughened gold in our global gold hardware suite. Because doors get battered by storms, over enthusiastic visitors - and your favourite ring.

Honest. It may be a celebration of eternal love or simply something nice you treated yourself to, but rings can play serious havoc with gold door handles, numbers and knockers. That's why we've designed all our gold door hardware to withstand even the harshest elements. And look fantastic too.

Fact: Salt spray tested for 240 hours

*Outstanding resistance to
chemicals, solvents and perspiration*

*Enhanced resistant
against corrosion*

Our standard cylinder: strong and silent

We like the strong, silent type.

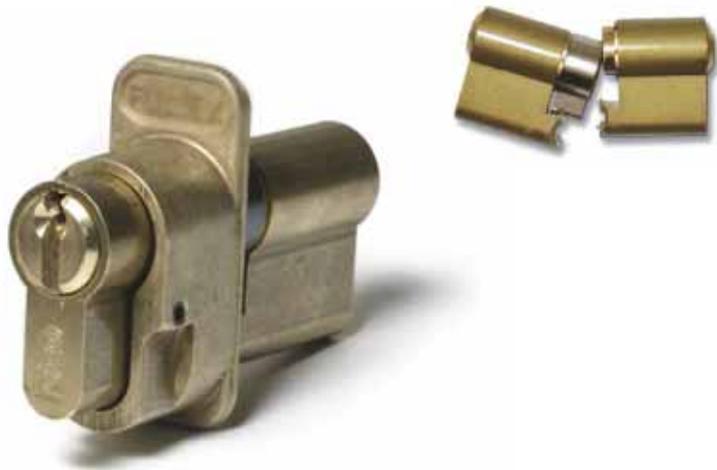
The ones who just get on with the job – efficiently, quietly, calmly...

Like our standard five pin cylinder lock, with three keys.

All you see is your key going into the lock.

But working behind the scenes – we've added a clever device that protects the cylinder and makes it harder to be snapped by wannabe burglars.

Which means your lock won't crack under pressure.



Extra security: Safe as houses

It's very big in Europe.

No, we're not talking Eurovision. We're talking about one of our security extras.

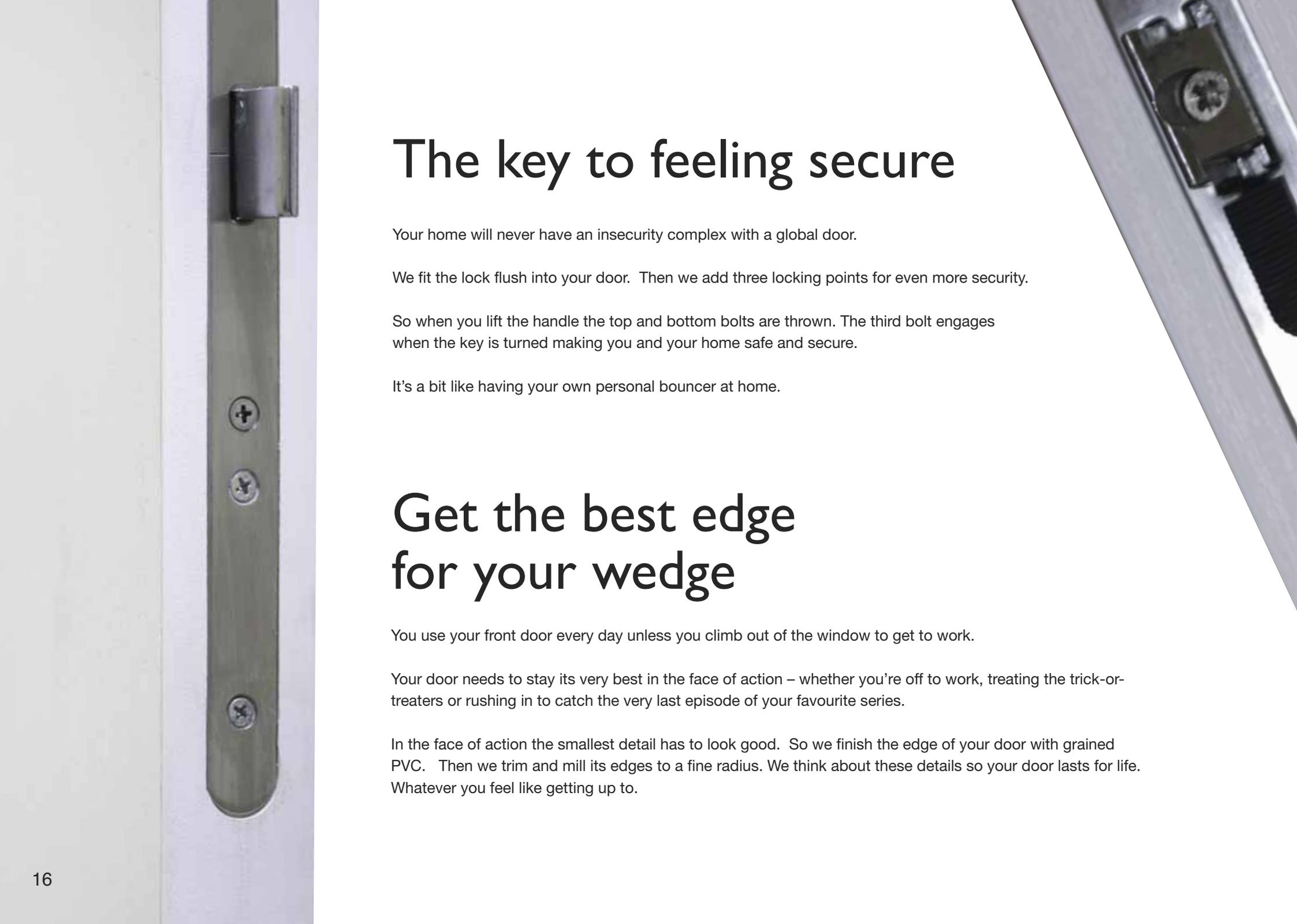
Mul-T-Lock is the biggest name in locks in the whole of Europe.

Its Break Secure Cylinder is a top of the range extra security cylinder. And it's been specifically designed to resist the most persistent wannabe burglar.

When someone applies force, the break secure section comes away, leaving the cylinder in working order. The cylinder has seven pins and is anti-jiggle, anti-drill, anti-pick and anti-extraction. So absolutely no Boom Bang-a-Bang, unlike Eurovision.

The lock comes with two high security keys. And replacements and additional keys can only be cut with the Mul-T-Lock registration card. This is one additional security option that will never get 'nil points'.



A vertical metal door handle with three screws is shown on the left side of the page. On the right side, a close-up of a door lock mechanism is visible, showing a keyhole and a bolt.

The key to feeling secure

Your home will never have an insecurity complex with a global door.

We fit the lock flush into your door. Then we add three locking points for even more security.

So when you lift the handle the top and bottom bolts are thrown. The third bolt engages when the key is turned making you and your home safe and secure.

It's a bit like having your own personal bouncer at home.

Get the best edge for your wedge

You use your front door every day unless you climb out of the window to get to work.

Your door needs to stay its very best in the face of action – whether you're off to work, treating the trick-or-treaters or rushing in to catch the very last episode of your favourite series.

In the face of action the smallest detail has to look good. So we finish the edge of your door with grained PVC. Then we trim and mill its edges to a fine radius. We think about these details so your door lasts for life. Whatever you feel like getting up to.



Test for the best

We don't think creating our global composite door is only about choosing the best quality materials.

Or including the highest standard features.

Or providing beautiful decorative fittings.

We think creating a truly great front door is about putting our ideas to the test. Again and again. Under strict scientific conditions.

So we spend a lot of time thinking about what your door goes through. We haven't quite written its life story - but we have thought about the wear and tear it puts up with all day, every day. The bangs, the knocks and the day the new sofa got stuck.

And because we know not every admirer of your home has good intentions we asked the BSI to pretend to be burglars. Short of dressing up with stripey jumper and swag bag, they try the security of your door with crow bars, sledge hammers, credit cards and other tools of destruction. Then they swing a 30 kg ball into the door in nine different places to check it will stand up to shoulder barge.

We've tested the security and durability of our global composite door again and again.

We got the Kitemark - so you'll give it top marks.





Your own work of art

What's your favourite colour?

We know you'll have a preferred hue, whether it's extrovert red, calming blue or tranquil green.

Whatever it is, a touch of the bright stuff can help bring your home to life.

And now you can add a splash of colour to your global composite door, too.

Like the sound of three drop diamond in blue, red and green?

Tempted by our Italian chic Fusion Art range?

How about a traditional entrance to your home with English Rose - or perhaps a touch of Art Nouveau with Fleur or Mackintosh Rose?



Something lovely

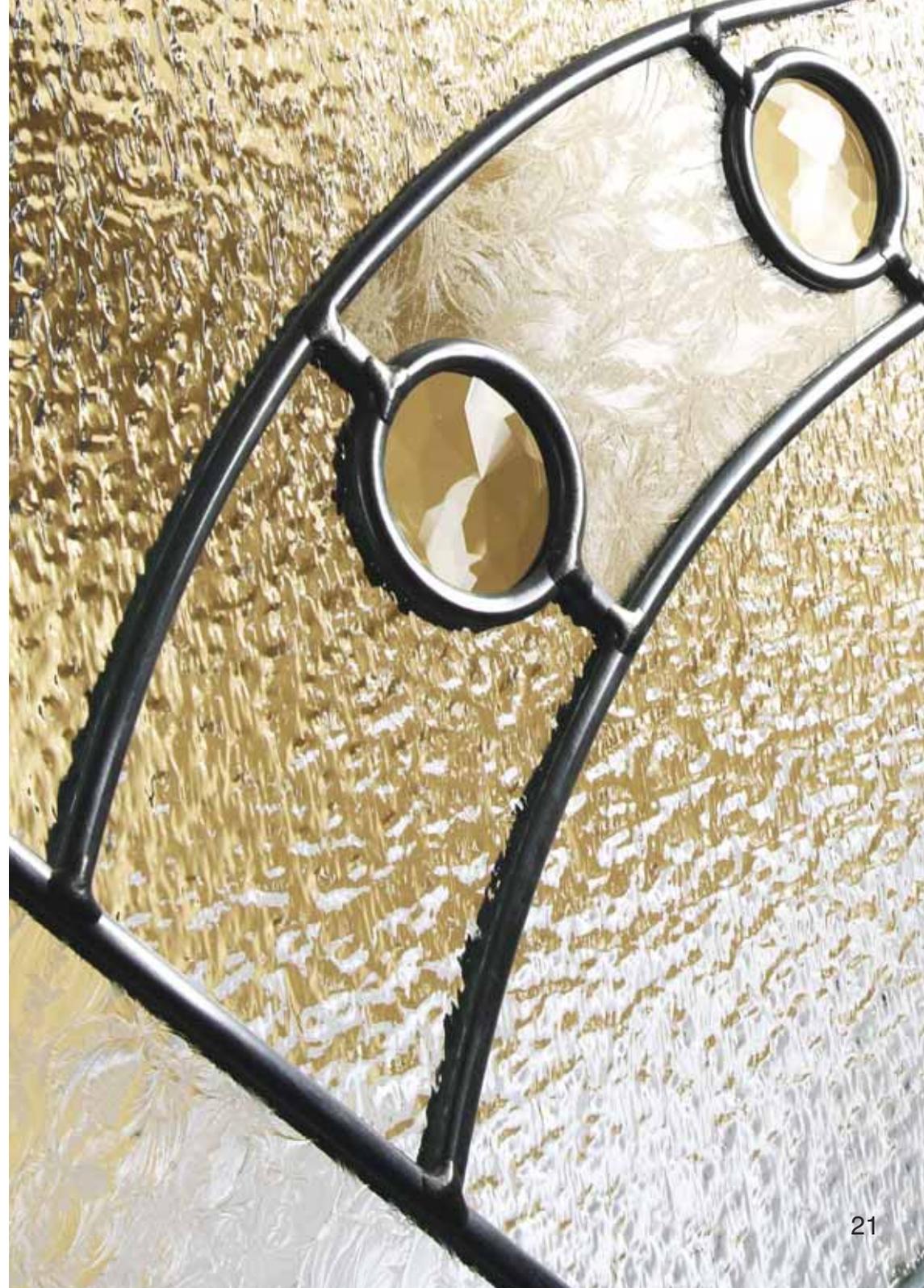
You know how you feel when you see something lovely?
Like a sunset, or children playing – or a picture of your favourite Hollywood heart throb?

You're going to get that feeling every day with our brass and zinc door art.

The glass is handcrafted using traditional techniques. And like the aforementioned superstars, we demand only the very best. That means our door art is created with cut glass held in strips of real zinc or brass.

It's eco-friendly too. We surround the finished piece of art in an insulated glass unit to make a triple glazed unit. The reduction in heat loss makes it the most energy efficient choice of glass. And because the detail is safely surrounded by glass, it's easy to clean.

With one side made of laminated glass, our door art easily passes the strictest security tests.



2 panel 2 arch

Dated design

Single locking point

Flimsy panel is no deterrent to burglars



*2 panel 2 arch,
featuring gold hardware and stippolyte
Mr & Mrs Gdula*

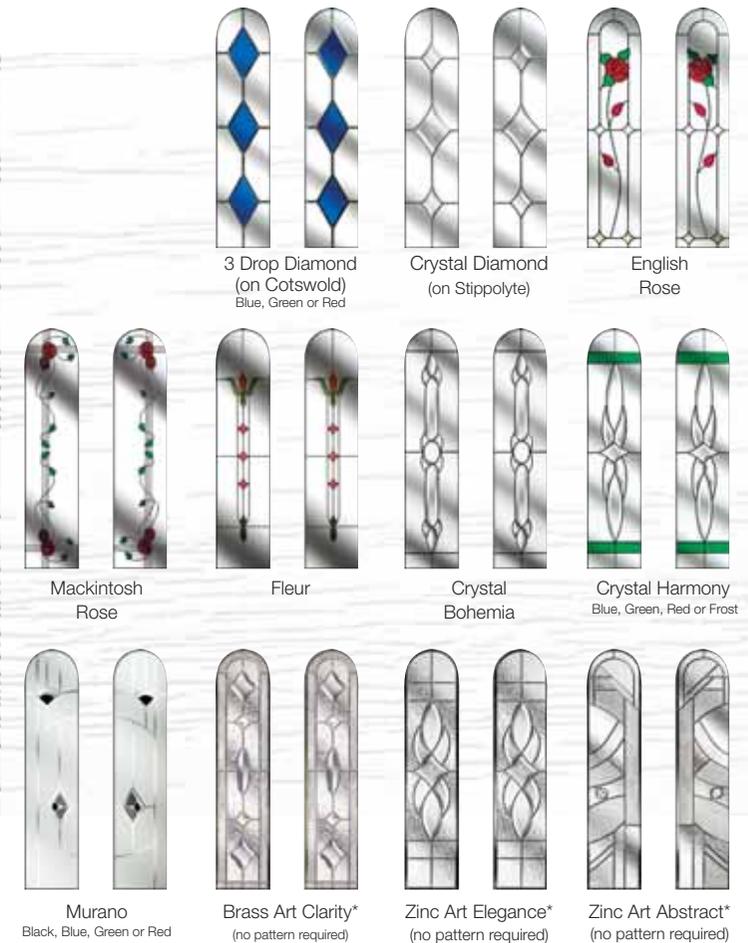
choose a glass pattern



*choose a door colour
(frame in White or Light oak*)*



and/or a glass design



**2 panel 2 arch
in Green with Stippolyte
Gold hardware**

2 panel 2 angle

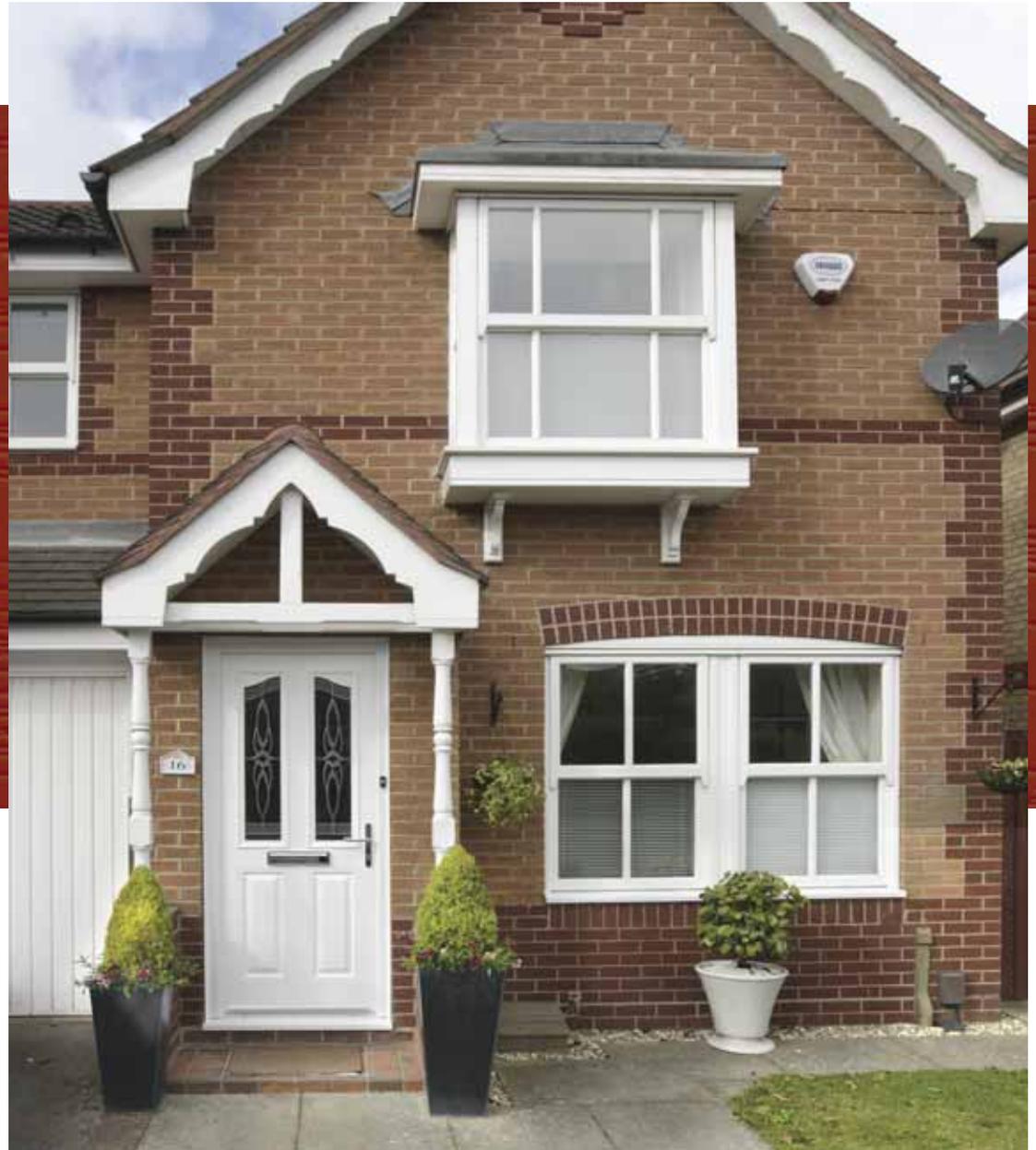
Tarnished hardware



Only one locking point

Needs regular painting

*2 panel 2 angle,
featuring chrome hardware and crystal harmony
Mr Castledine*



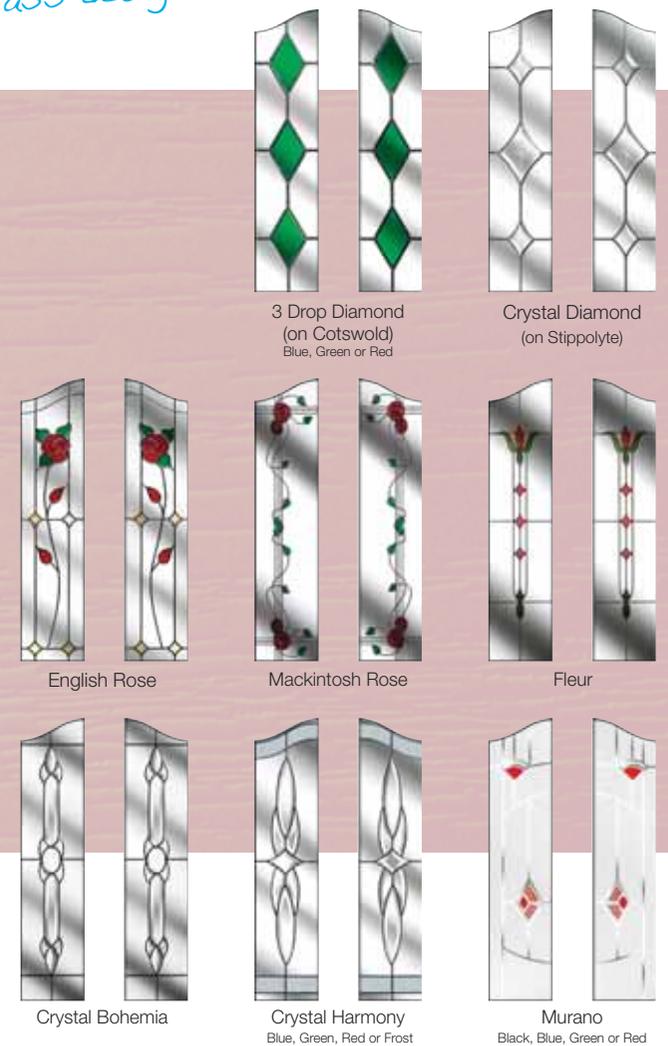
choose a glass pattern



*choose a door colour
(frame in White or Light oak*)*



and/or a glass design



**2 panel 2 angle
in White with Crystal Harmony
Chrome hardware**

2 panel 2 square



Door sticks

Needs two different keys

Draughty



*2 panel 2 square,
featuring chrome hardware and 3 drop diamond
Mr & Mrs Newton-Hewlett*

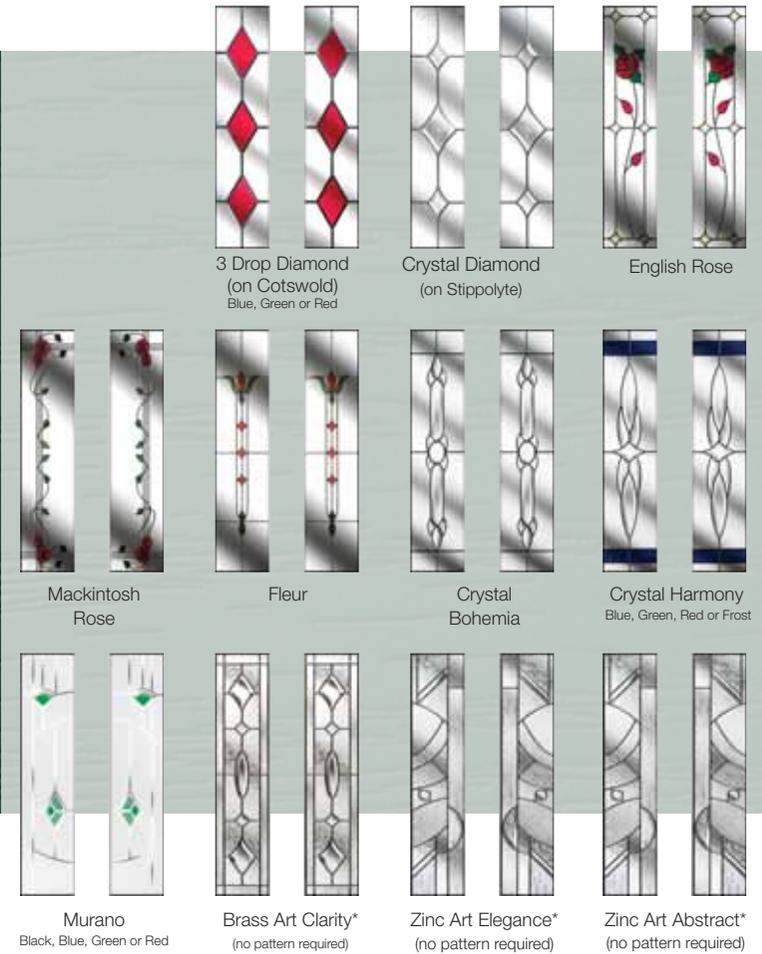
choose a glass pattern



*choose a door colour
(frame in White or Light oak*)*



and/or a glass design



**2 panel 2 square
in Red with 3 Drop Diamond (red)
Chrome hardware**

4 panel | arch



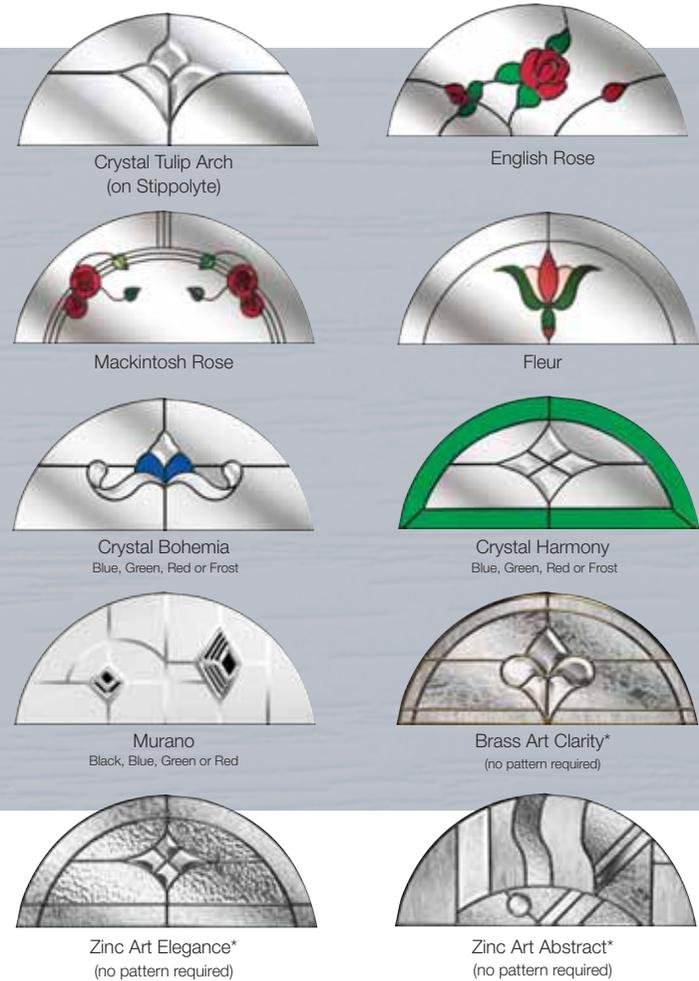
choose a glass pattern



*choose a door colour
(frame in White or Light oak*)*



and/or a glass design



**4 panel | arch
in Black with Zinc Art Elegance
Gold hardware**

2 panel | arch



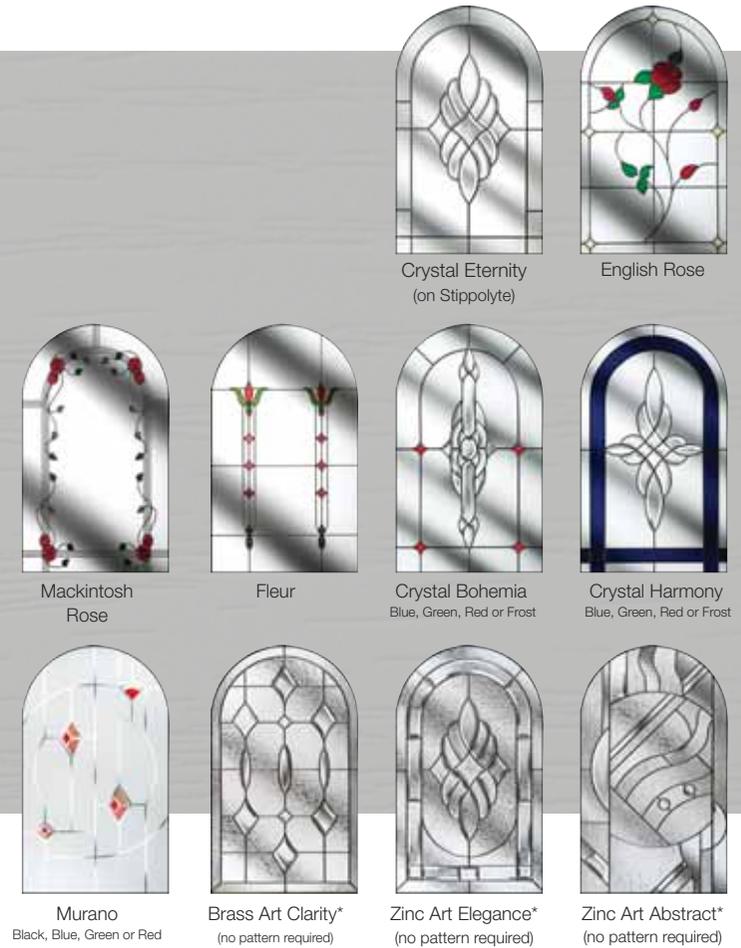
choose a glass pattern



*choose a door colour
(frame in White or Light oak*)*



and/or a glass design



**2 panel | arch
in Green with Crystal Eternity
Chrome hardware**

2 panel 1 square



*Discoloured panel
& ugly black gasket lines*



2 panel 1 square, featuring gold hardware and mackintosh rose. Mrs Stanton

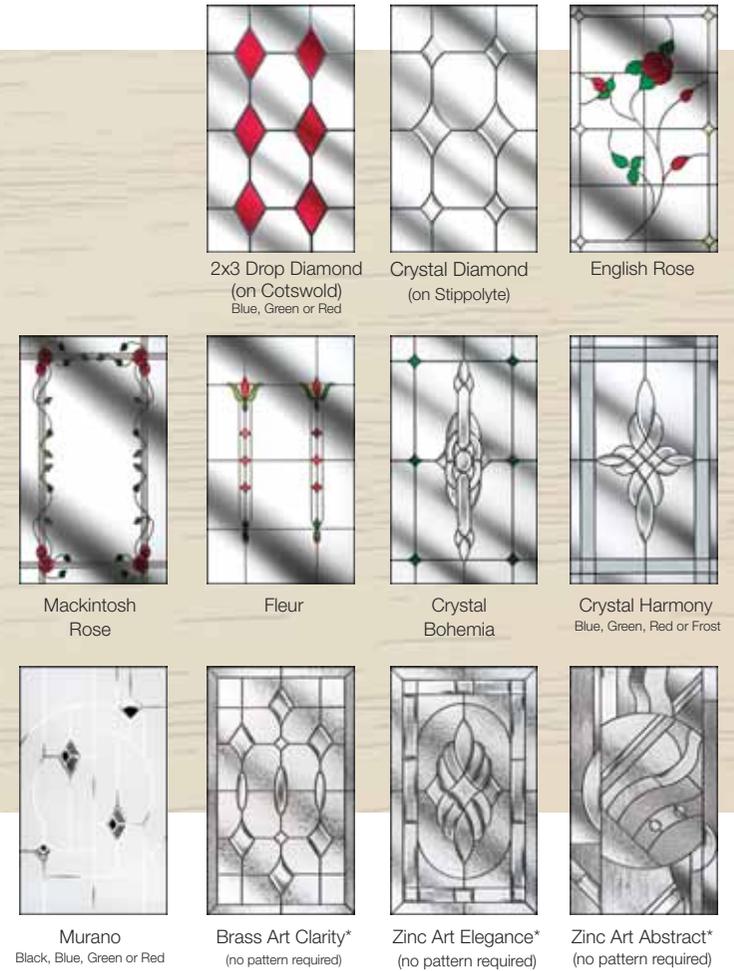
choose a glass pattern



*choose a door colour
(frame in White or Light oak*)*



and/or a glass design



**2 panel | square
in Black with Mackintosh Rose
Gold hardware**

2 panel 2 square 1 arch



*2 panel 2 square 1 arch,
featuring gold hardware and brass art clarity
Mr & Mrs Mackenzie*

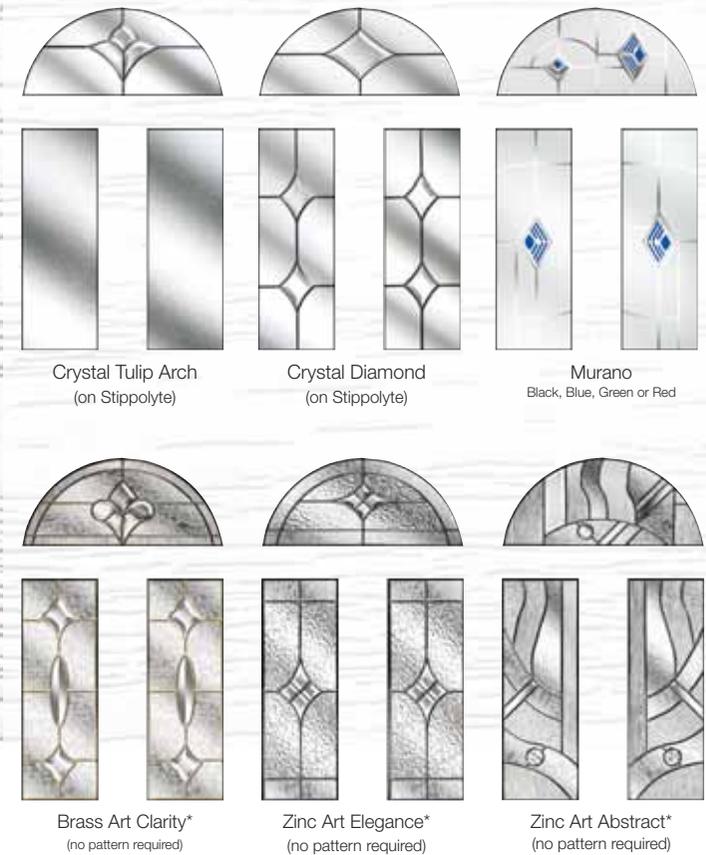
choose a glass pattern



*choose a door colour
(frame in White or Light oak*)*



and/or a glass design



**2 panel 2 square 1 arch
in Black with Brass Art Clarity
Gold hardware**

4 panel 2 square



*Draughty
letterbox*

*Ugly black
gasket lines*

*Discoloured
panel*



*4 panel 2 square,
featuring chrome hardware and minster
Mr & Mrs Butler*

choose a glass pattern



choose a door colour
(frame in White or Light oak*)



or a glass design



Brass Art Clarity*
(no pattern required)



Zinc Art Elegance*
(no pattern required)



Zinc Art Abstract*
(no pattern required)



4 panel 2 square
in Blue with Minster
Chrome hardware

4 panel sunburst



choose a glass pattern



*choose a door colour
(frame in White or Light oak*)*



**4 panel sunburst
in White with Charcoal Sticks
Gold hardware**

2 panel 1 grill



Dull finish

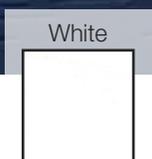
Tarnished handle & letterplate

Draughty



*2 panel 1 grill,
featuring gold hardware and minster
Mrs Else*

choose a glass pattern



*door only available in White
(frame in White or Light oak*)*



**2 panel 1 grill
in White with Stippolyte
Gold hardware**

2 panel sunburst



choose a glass pattern



*door only available in White
(frame in White or Light oak*)*



**2 panel sunburst
in White with Stippolyte
Chrome hardware**

7 panel | arch

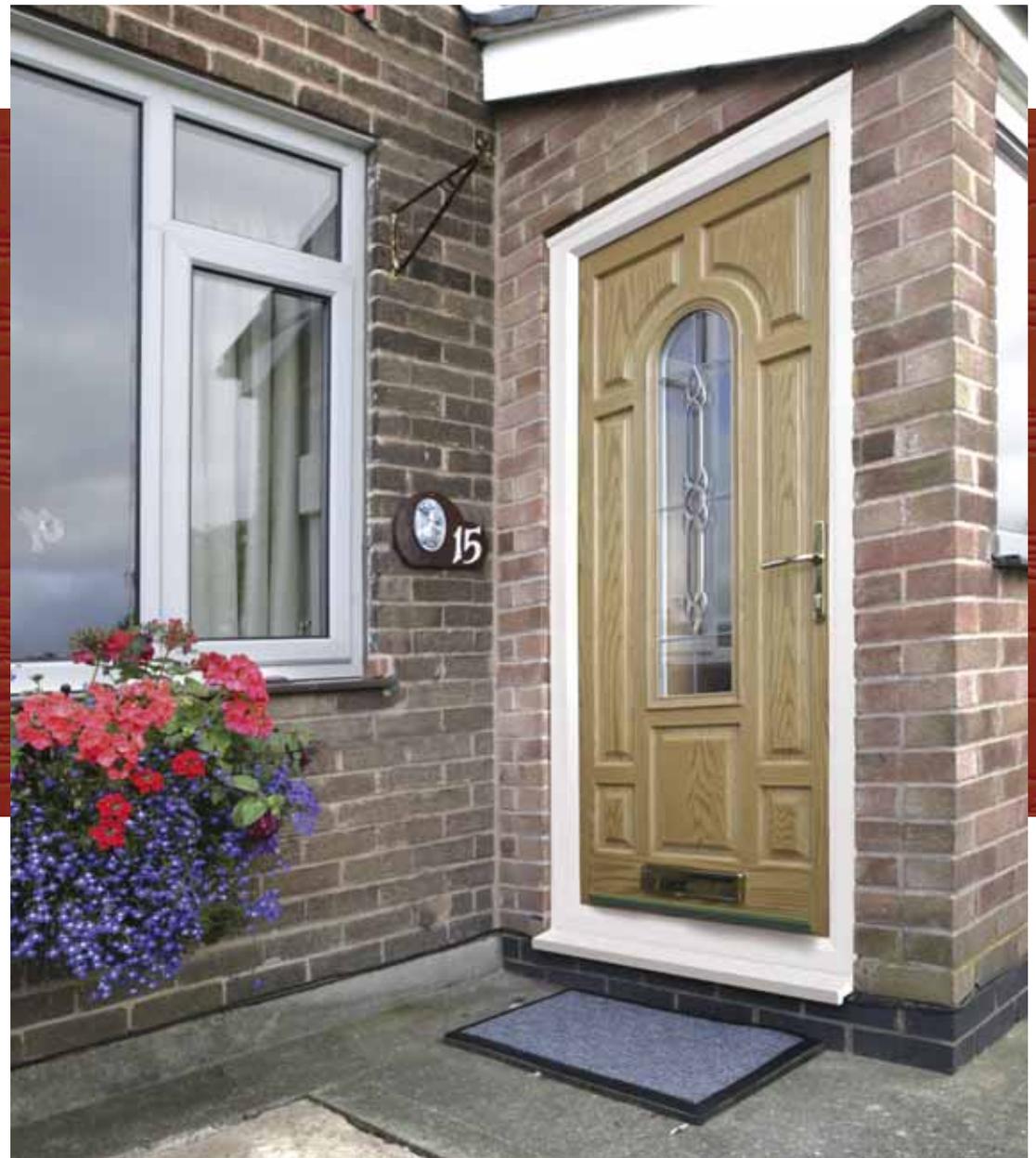


Grey from grime

Tarnished handle & letterplate

Ugly black gasket lines

Keep the flowers



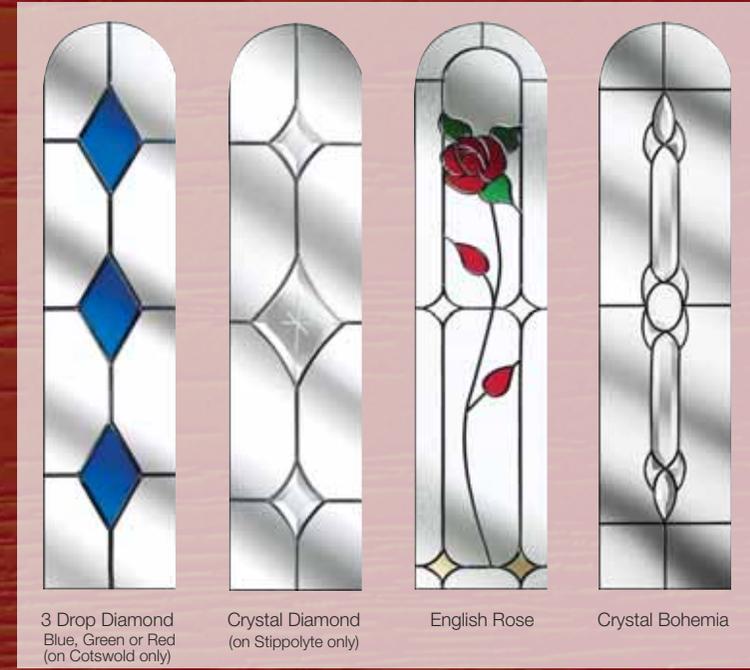
*7 panel | arch, featuring
gold hardware and crystal bohemia
Mr & Mrs Woodhouse*

choose a glass pattern

and/or a glass design



*choose a door colour
(frame in White or Light oak*)*



3 Drop Diamond
Blue, Green or Red
(on Cotswold only)

Crystal Diamond
(on Stippolyte only)

English Rose

Crystal Bohemia

**7 panel I arch
in Light oak with Crystal Bohemia
Gold hardware**

* Available 2008

2 panel | oval



Dropped handle

Looks like a panel within two frames

Discoloured panel



*2 panel | oval,
featuring gold hardware and zinc art elegance
Mr & Mrs Tomlinson*

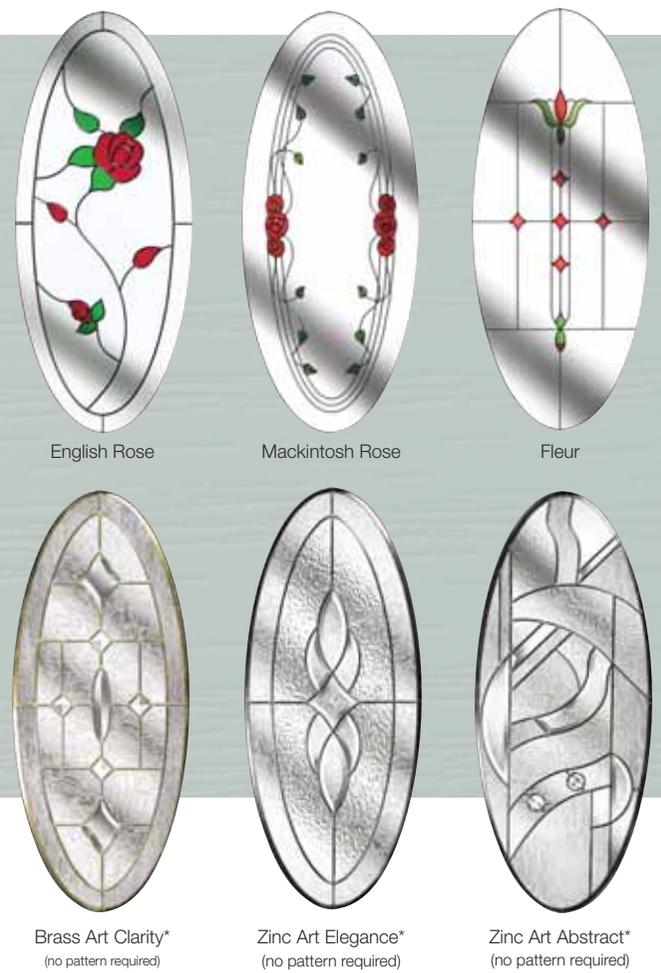
choose a glass pattern



*choose a door colour
(frame in White or Light oak*)*



and/or a glass design



**2 panel | oval
in White with Zinc Art Elegance
Gold hardware**

* Available 2008

8 panel | square



Rotten wood

Draughty

Peeling varnish

One locking point



*8 panel | square,
featuring gold hardware and stippolyte
Miss Scott*

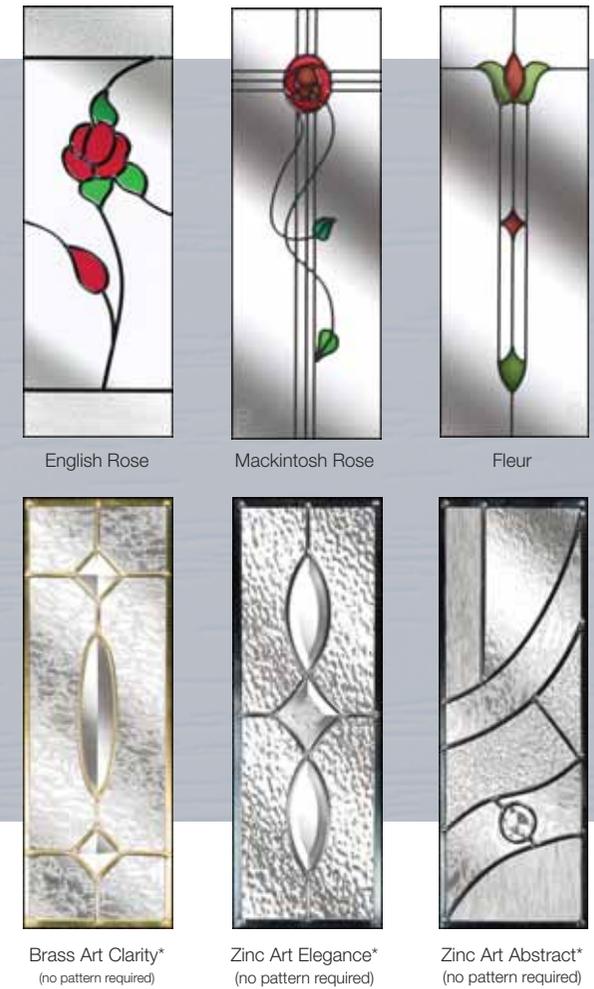
choose a glass pattern



*choose a door colour
(frame in White or Light oak*)*



and/or a glass design



**8 panel | square
in Red with Stippolyte
Gold hardware**

* Available 2008

diamond



50 *Diamond featuring black hardware and stippolyte. Mrs Price*

choose a glass pattern



*choose a door colour
(frame in White or Light oak*)*



**Diamond
in White with Stippolyte
Black hardware**

* Available 2008

6 panel



*choose a door colour
(frame in White or Light oak*)*



6 panel
in Blue
Chrome hardware

Extra special, extra safe

Thinking about choosing a global composite door?

It's a choice that means extra secure. Extra weather proof. And extra safe.



Want to know who's on the doorstep?

With our door spy holes you can see whether it's your best friend dropping round for a cup of tea or the next door neighbour wanting to tell you about his new car...again.



Aside from the occasional over-friendly neighbour, we all like to feel fully secure when we open the front door. We provide a door chain as an optional extra. You can also specify a lever pad handle - a clever system that keeps your door locked from the outside whilst allowing you to open it from the inside.

Our extras - simple and smart. Unlike that neighbour.



Would you like some more extras - like stylish knockers, numbers and letters? We've got plenty to choose from.

Your front door isn't just going to look great. Our extras will help make you feel even safer at home.







And the award goes to.... Glass Reinforced Plastic

Glass Reinforced Plastic, or GRP, has got a serious reputation. For keeping people safe, secure and protected against all weather conditions.

GRP was first developed in the UK during the Second World War. Then it was adopted by ship builders. And it's still being used today. It's perfect for boats because it's super-strong and has exceptional wind and water resistance. In fact it's got so many great qualities, we wondered about changing its name to Get Real Performance...

If there was a medal for outstanding service for plastic, it would go to GRP. That's why we use it for our global composite doors.

BSI boot camp for doors

It's not a temple.

Yes, your global door does look beautiful, but it also has to live your life. If you were going to interview a door for the job you'd probably ask whether it had experience in coping with regular scrapes, knocks and bangs, if it was fully safety and security accredited – and most importantly, whether it was prepared for trial by small child.

OK – we don't organise job interviews or X Factor-style auditions for our standard doors. That would just be strange. But we do the next best thing with the support of the most exacting people out there, the British Standards Institution.

Call it boot camp for doors. They don't shout at the doors until they cry, but they do demand to know 'Are you fit for purpose?' in their PAS23 test. That involves opening and closing the door 50,000 times – because they're obsessed with the quality of those hinges. And making sure you can use your door for years - and years - to come.

They think of all the ways your door could be tested and tricked in its career in your home. And then they put them into action. Like checking if your door will open with a child swinging from the handle (minus the real child in the tests, of course). Or placing a toy in the way of the door to see how it copes under pressure.

But boot camp's only just begun. Those strict BSI people do full weather testing. And security testing. And more security testing (PAS24). Because they're particularly obsessive, they test every feature of the door.

At the end of boot camp, your door is awarded with one of the BSI's highest accolades, a PAS23 & PAS24 award. That proves your door is ready to live your life – and keep you safe and secure.

Going for an upgrade to flag hinges? This one earns a BSI Kitemark after withstanding all the same demanding PAS23 and PAS24 tests.

No marching orders - just a door that's ready for action.





Door & side panel construction	GRP compression moulded skins, composite rails and stiles. 100% CFC free polyurethane thermally insulated core
Locking mechanism	Fullex Crimebeater, secured by design. 20mm radiused stainless steel face plate. Tested to PAS23 & PAS24. Fully adjustable keepsets, integral latch snib. Deep throw bolts.
PVC outerframe	Dedicated 70mm chamfered composite door outerframe specifically designed to work with 44mm door leafs incorporating weatherseal channels.
Top box construction	Single piece welded frame using dedicated composite door 'T' transom
Glazing cassette	Screwless clip on glazing cassette
Reinforcing specification	Galvanised steel reinforcement
Door slab edging	2mm PVC edging with Ash grain effect embossing. Trimmed and radiused edges to match door leaf. CNC routed to match radius of lock faceplate and hinges
Hardware colour	Fully suited in gold, chrome and black
Handle type	Lever/Lever. Colour suited to hardware selection
Hinge type	3 no. 100mm butt hinges, colour to suit hardware selection
Hardware performance	BSI Kitemark
Weather rating	PAS23. BSI kitemark if flag hinges upgrade is chosen
Security rating	PAS24. BSI kitemark if flag hinges upgrade is chosen
Number of keys	3
Glass	24mm double glazed toughened sealed units. 28mm sealed units used in top boxes and fully glazed panels
Standard cylinder	35/35 5 pin Euro cylinder with anti-bump cylinder protector. Available in brass and nickel finishes

OPTIONS

Security cylinder	35/35 Mul-T-Lock Break secure Euro cylinder with 7 pin key with anti-jiggle, anti-drill, anti-pick and anti-extraction with two high security keys
Letterplate construction	All metal faceplates and surrounds, suited to match other furniture
Low threshold	Aluminium part 'M' compliant with thermal break and available in silver, gold and black
Extension profile	Colour matched 15mm multi clip on
Flag hinge	3 dimension adjustable. Colour suited with hardware.
Lever pad handle	Colour suited to hardware selection



Synseal - we're number one

We've grown up a lot since we first opened our doors more than a quarter of a century ago. From our start in small premises in Sutton in Ashfield, Nottinghamshire, we now work from a 32-acre site with 600,000 square feet of factories, warehousing and offices.

We make PVC-U window systems and two conservatory roof systems. Actually - that's a bit of an understatement. More windows and conservatories are made from our product than anyone else in the UK*. Which makes us the UK's number one choice.

Global isn't just a composite door, our conservatory roofs are global too. That means long lasting and beautiful doors, windows and conservatories for you.



Want to know more
about us? Visit:
www.synseal.co.uk



*The UK Conservatory Report 2005: Markets and Forecasts
And
The PVC-U Window Profile Industry in the UK Report 2005
from Industry Researchers Michael Rigby Associates.

global

composite door

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Our policy is to continually improve products, therefore methods, materials and changes of specification may be made from time to time without prior notice.

Colour samples printed in this publication should only be used as a guide and are as accurate as our printing process allows.

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We would like to thank our customers who very kindly gave us permission to photograph their homes.