



*Safeguard*  
Your home





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## Your home

There are few who would disagree that a special house needs special windows. A Georgian townhouse with its tall, elegant proportions and its strict vertical alignments needs sash windows that complement the house's façade. A rough-hewn, stone cottage needs a different approach to the simple modernism of a 1930s art-deco-inspired bungalow and both of those need a window that reflects their particular character. But for all the diversity in windows and glazing, there's one thing that all houses should be: a home.

Part of transforming a house into a home is, of course, about the people who live there, but on a more practical level, comfort, performance and security are critical. It's hard to feel relaxed if your house is cold. It's even harder if your windows rattle every time there's more than a gentle breeze or if water penetrates when it's raining. Fortunately, you don't have to put up with things like that. Modern materials and glazing technologies have made homes warmer, safer and more secure. They have made windows that are easier to look after and kinder to the planet. And now that there are high performing PVCU flush casement windows, you can really feel at home in your special home.

## No ordinary home . . .

### Our heritage

*We're fortunate to have a rich tradition and history. It's reflected in our buildings which show the changing trends in architecture and the development of the craftsmen's skills. Our diverse geology is shown in the materials we've used: rich red clays, soft grey limestone, Welsh slate, crystalline granite, and sharp, scalloped flints. Every bit of our past is precious because it's made us who we are.*

### Our future

*Every era has its own revolutionaries: those who break the mould, strike out, create a building that redefines a home. When that happens, the rules change. Tall buildings become wide buildings, rich becomes simple, and texture and colour replace detail and ornament. The inspirational architects who have shown such vision have made our culture richer and have opened our eyes to new possibilities.*



## Tradition and performance

If PVC-U had been available to builders in the past, they would have used it. No one disputes the beauty of timber, but it has drawbacks. In the wet, it can swell. In dry conditions, it can shrink. It can warp or twist and whatever else you do, you'll always have to find the time to take good care of it. Imagine never having to paint a window. Imagine never having a window already welded shut with layers of paint.

PVC-U windows are tough, durable and insulating. They need hardly any maintenance. They open easily

and when they're closed, they are secure. Safeguard windows replicate the appearance of traditional wooden frames: the delicate curves, detailing and trims, even the colours, grain and texture, but there's more on offer than good looks. Multi-chambered frames are secure and strong, advanced seals block the weather, high-specification glazing provides thermal and acoustic insulation. We don't believe in 'either/or' – we know you can have traditional style and 21st century performance.



### Every detail

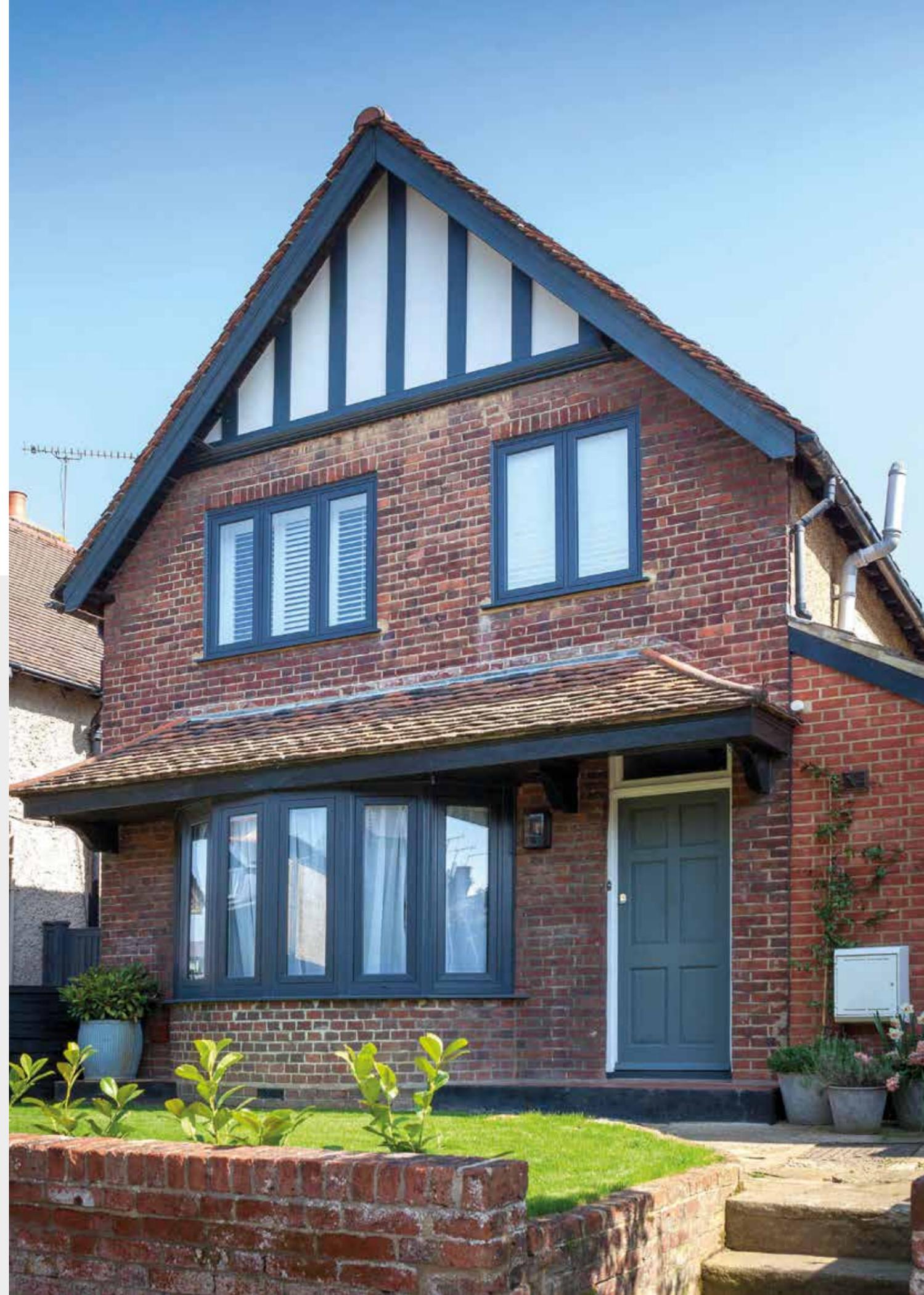
*There are no corners cut, no detail left out that should be there. We've looked at every aspect of our window design, every angle, every joint, and every groove – even the positioning of screws you'll never see. Hardware is perfect, colours appropriate, proportions exactly right. Everything matters. Every, little thing.*

### Safe and secure

*Style matters, but so does security. That's why our profiles are robust and impact-resistant and our locking systems advanced. Simple measures, like toughened glass in windows that are close to floor height and egress hinges which ensure you've got an escape route in case of emergency, help to keep your family safe and sound.*

### Insulated

*When it's cold outside, you want to be warm indoors. When the sun's blazing, you don't want to overheat. Smart glass technologies and multi-chambered frames insulate your home, not just from fluctuating temperatures but also from external noise. No draughts, no cold spots, just peace, quiet, and year-round comfort.*





## Something **old**, something **new** . . .

Let's get the jargon out of the way. A casement is simply a window held on hinges in a frame. In the UK where external shutters are rare, the vast majority of casements open outwards. Within casements, there are various styles. A flush casement is simply one where the opening window sits flush in its frame, rather than standing proud.

It's a design that is elegant in its simplicity and is found in all sorts of traditional properties, from all periods. What's

more, the lines are understated which makes them ideal for more contemporary properties which rely on minimalist styling. Safeguard Flush Casements replicate the timber original's appearance to perfection but go well beyond in terms of thermal performance and weathering capability. Now it's possible to have the look you want and the comfort you need. Now it's possible to combine charm and security, character and ease of maintenance. It's old style with new standards.



### Lines and proportions

*We've thought of it all: the right-sized frame with the right-sized window, and transoms, mullions and dummy sashes that create the authentic appearance and lines of a traditional flush casement. The shape is chamfered on the outside and sculptured inside to add a touch of class.*

### Shades and textures

*Colours and wood finishes have been carefully selected to complement different building materials, periods and environments. There are soft, subtle shades: delicate creams and greens, striking greys and a host of timber effects. Choose your colour and it can be matched inside and out or simply opt for an external colour with a bright white internal finish to light up your interior décor.*

### Handles and hinges

*Beautiful hardware options for this style of window are a must - so we've made sure all our flush casements have their own friction hinge options and can be supplied with a stunning black monkey tail handle, in a period design, to perfectly finish off the inside of your window*



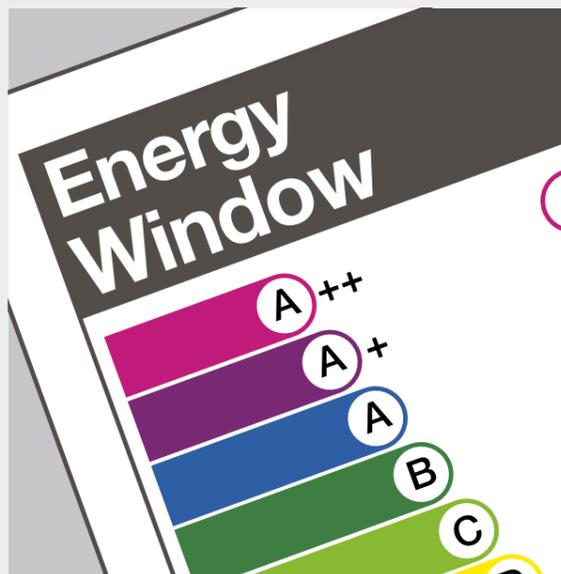
## A perfected home

### In context

You could take a window out of a building and its style would be meaningless. In isolation, a window is an exercise in engineering. It's a theoretical barrier against the elements and intruders. Bring it home, install it and everything about its design has new relevance. Its sightlines, its proportions, its colours, its fittings, and its glazing – everything is important. Both traditional and contemporary homes need every aspect to work in context.

### On target

With progress and technology, standards are always improving. Modern lifestyles, even if they are lived in period properties have high ideals and we live up to those. No one wants cold spots, draughts, internal condensation, dark rooms, insecure homes or the racket of external noise. With Safeguard windows, those parts of our history can be forgotten. We're living in the future, not the past, and it's much more comfortable.



## Conserving and advancing

There's a fine line between preserving our heritage and being stuck in the past. Many planning authorities recognise this and although there are a few cases where original materials are the only acceptable option, these are becoming fewer and further apart. Conservation areas and even listed buildings now have their share of PVC-U windows. The reasons are simple: the appearance has been perfected. Our PVC-U Flush Casement windows are virtually indistinguishable from timber but have two major advantages. Firstly, they are more affordable and can make a huge improvement to the comfort and appearance of a property where

timber alternatives may be prohibitively expensive. Secondly, their insulating qualities, easy maintenance and recyclability make them an environmentally-friendly alternative.

Our sightlines are spot-on and when fitted with dummy sashes will provide that coveted "wow factor" to your new window installation and add instant kerb appeal to your home. There is a great selection of period colours and wood-effect finishes, including a timber-grained, white or cream painted effect, which avoids potential unease about the smooth surface of PVC-U.



### It's character that counts

*"Conservation areas protect the features that give character to our developed environments. They do not prevent change, but alterations should preserve or enhance the special character of the area and its setting."*  
**We couldn't agree more.**



# ESSENTIAL DETAILS



## Colour

The colours and finishes in the Safeguard range allow you to match the style and fashions of any era with shades chosen to complement different types of brick, stone and render and include a range of wood effects including oaks and rosewood grains. For more modern homes, there are smart, contemporary greys and for black and white timber-framed houses a deep, dark colour that's almost black. For a Georgian townhouse, choose a crisp painted-white finish, or reflect your rural surroundings with softer, more-muted colours.

And if you want to match your interior décor or features, our dual-colour options might be the answer you're looking for.



## Glazing

Our Flush Casement windows are designed to deliver fantastic thermal performance using sealed-unit double glazing. The overall energy efficiency is dependent upon the actual glass, the construction of the sealed unit, the gas used to fill it and the ratio of glass to frame. We'll work with you to find the best combination for your home and how you use it, but as every home is different it wouldn't be right for us to give rigid performance figures in this guide. Your glazing choices can add to your aesthetics. Flush casement windows in an Edwardian home can look fabulous incorporating Georgian bars. Cottage windows can have fully-leaded styles, or for something minimalist how about simple etched glass in a bold coloured frame?

## Glazing Bars

Our glazing bar can help you recreate your home's original window style, or throw caution to the wind and get creative. Our glazing bars fit perfectly onto the surface of the glass, indoors and outdoors, keeping the efficiency of a single glazing unit and the elegant detail that makes your home special.



## Shape

The Safeguard system has been developed to offer as much choice of individual style as possible whilst still retaining the authentic proportions and designs of historic windows. Our chamfered edges replicate authentic putty lines, our ovolo detailing is precise and our sculptured beading is a perfect representation of the carpenter's skill.

## Hardware

There's no point producing a beautiful, traditional-style window and then adding a modern-styled handle to it. The ironmongery we've selected is appropriate to the windows we've designed and has all the charm of craftsman made original fittings. Gorgeous monkey-tail handles for flush casements, and in a traditional black hammered finish to blend with, or accent, your choice of window colour. But here's the bonus: our hardware has security built in – features like key-locking handles, which secure all around the frame, sash locks, and child safety restrictors which prevent sashes being opened too far.

# THE PERFECT HARDWARE



## Maco Secure Plus

The MACO Secure Plus Scheme is designed to ensure you can secure your property with confidence, knowing that forced entry is almost impossible. By including MACO products within your windows you will be able to take full advantage of some unique benefits offered by the MACO Secure Plus guarantee scheme. In order to enjoy these benefits, you firstly need to register your property following your MACO Secure Plus installation. Please remember that you must register within 21 days to start using these benefits. Visit

[www.macosecureplus.co.uk](http://www.macosecureplus.co.uk) to register your new window installation. All MACO Secure Plus fittings are approved by Secured by Design, the official UK Police flagship initiative combining the principles of 'designing out crime' with physical security. MACO Secure Plus products are also tested to comply with the British Standard requirement for security PAS24 and meet the needs of building regulation document Q, security of dwellings.



## 10 Year Security Guarantee

Every MACO Secure Plus installation is guaranteed against break in through failure of the hardware for 10 years from the date of installation\*.



## 10 Year Product Warranty

All MACO products are covered by our 10 year warranty via your installer\*, and will be replaced should a mechanical failure of the hardware occur within that period.

\*Your windows must be serviced and maintained on an annual basis.



## Excess Cover

MACO are so confident in the security performance of our products, in the unlikely event that a break-in occurs through failure of the hardware, we guarantee your windows against forced entry for 10 years.

MACO Secure Plus offers up to £500 to offset against your insurance excess payments.

You can claim up to:  
£250 against Building Insurance  
£250 against Contents Insurance





**ULTION** Home Defence System

When the Ultion lock detects an attack, it goes into **Lock Down Mode**  
A hidden attack lock secures the mechanism.

**Double Anti-Snap protection**  
The intruder needs to snap Ultion twice before he sees the core.

**2 Attack locks**  
Lock still works from inside after an attack.

**11 Pins**  
Twice as many as normal locks.

**8 Drill Defences**  
6 hardened steel rods and 2 plates in both ends.

**25% Denser than iron**  
The molybdenum core that houses the attack pins.

**BURGLAR-PROOF YOUR DOORS**

**75%** of intruders go through the door

**39%** get through the door by forcing the lock

How locks are forced

**9/10** of forced locks are snapped

Lock Drilling Lock Bumping

Lock Snapping Lock Picking

**3 Stars**  
The highest TS007 test rating.

**1 Sold Secure Diamond**  
The standard most 3 star locks can't achieve.

**Protects for longer**  
The close keyway wipes debris off the key to stop jamming and lockouts.

**294,970 Combinations**  
Produced from the 11 pins.

**0 Magnets**  
Magnetised keys carry metal filings from other keys and coins into the lock.

**Ultion Locks**

All SafeGuard composite doors are fitted with a top quality multipoint locking system as standard and have been tested under stringent independent conditions against 'intruder attack'.

The SafeGuard door has been certified to PAS23 and PAS24 standards. PAS24 is an enhanced security performance test that not all doors can achieve, so if you want to ensure your home has the highest level of security you should always ask for a SafeGuard door by name.



**Fitted as standard**

Millions of doors in the UK can be opened quietly in under 20 seconds with normal tools. Even the most secure multi-point hook mechanisms are disabled when the cylinder lock is snapped or bumped.

To guard against this all SafeGuard Composite doors are now fitted with the ultion locking cylinder as standard. The ultion lock has been designed to offer the ultimate defence against this and other well known cylinder lock attacks.



## A long tradition, a **long-lasting future**

Even though our materials are modern and our technology advanced, we've not forgotten the best of our traditions. We're as proud of our history as you are of your beautiful home, but we know that your comfort, security, carbon footprint and sustainability are important too, even if you live in a stunning historic home.

The Safeguard system is made in Great Britain by a business that's respected for its methods and its quality, and which employs many of the industry's leading designers and manufacturing experts. Safeguard delivers the best of innovation whilst maintaining respect for the architecture and buildings of the past.

## **Craftsman** made

We expect your home to be a little extraordinary. We don't expect your windows to be all exactly the same size. We know that some may be tiny or unusual shapes but we don't have a problem with that. That's what the system is designed to cope with. We'll measure everything precisely, and even consider things like your access, your home's orientation and levels of exposure to the elements. We want to ensure that the windows we install work for your home.

Experts in fabrication will check every detail of finish and frame construction before delivering windows to your home. Our installation teams are skilled with traditional building materials and methods and are well used to handling everything from super-tall sash windows to gorgeous feature bays with cherished stained glass.



## **Our reassurance** to you

Every part of our range has been tested for safety and performance. The system is approved by the British Standards Institute and easily passes all requirements of the Building Regulations. It is produced to the ISO 9001 quality standard in a factory that works to an approved environmental policy and which has received the BES 6001 award for responsible sourcing of its materials. All aspects of manufacturing, parts and labour are fully guaranteed.





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**safeGUARD**  
WINDOW & DOOR SYSTEMS

[www.safeguardproduct.co.uk](http://www.safeguardproduct.co.uk)



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