

inside...



Beating the burglar

Locks and a list of helpful tips

home Improver

Transform your home with tried and tested products



Styles

to suit you, your home and your pocket



Glazing

We reveal some of the more popular options

Conservatories

Useful advice on making a welcome addition to your home



Insulation

Figures that will help you make a more informed choice

The best windows, doors and conservatories are made from **PROFILE22**





22

More is less

*More features,
less maintenance.
Modern doors make
a grand entrance -
pages 12 and 13*



Style & savings

*A myriad of glazing choices and energy
conservation regulations explained -
pages 6 and 7*



Conservatories

*Extend your home and enjoy
one of life's great pleasures -
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How to make the most of your copy of Home Improver

Home Improver has been published by PROFILE 22 to help you choose products that are right for you and your home. For advice and more information on any of the products highlighted in this issue, ask your local PROFILE 22 installer or visit: www.profile22.com

Welcome



With so many companies competing for your order, the world of home improvements is a potential minefield for even the most discerning of consumers.

Home Improver has been specifically produced to guide you through the process of choosing new windows, doors and conservatories. Covering some of the more obvious and the not so obvious considerations, it is designed to help you avoid the pitfalls - offering expert advice and useful hints on what's best for you and your home.

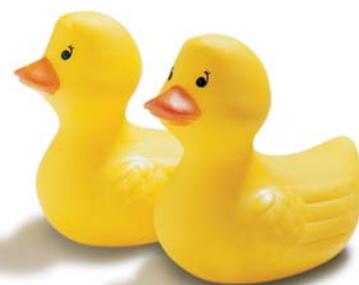
On the following pages we showcase some of the options; take a closer look at frame finishes; explore the decorative aspects of glazing; hear the views of real homeowners; and explain how you can add value and extra living space to your home.

Needless to say, it's not possible to cover every single aspect in one short publication but the contents of *Home Improver* should provide you with the confidence and ability to make a more informed choice.

Together, we're here to help in making your purchase a more enjoyable experience with all the benefits of buying windows, doors and conservatories made from PROFILE 22 to look forward to in the years to come... Happy window shopping!



Leslie Samuels
Editor



The natural appearance of real timber frames in a virtually maintenance-free

*The look of real wood,
designed to enhance the
character and appearance
of your home.*

Through *Rose coloured* windows



You could be forgiven for not fully appreciating just how unattractive windows would look without them. We tend to take them very much for granted and yet, frames undoubtedly help to improve the individual look of a window and the overall appearance of your home.

It used to be that replacement windows were available in any colour so long as it was white, but today, technically advanced foils applied to a durable PVCu base can successfully replicate the aesthetic qualities of a real wood window but with the big benefit of being weather resistant and rot-free.

The woodgrained finishes of **Rosewood** or **Antique Oak** are ideal for homeowners who are looking for a virtually maintenance free alternative to, and yet want to retain the appearance of, traditional timber frames. A popular choice for more established and also modern properties built in a period style.



Amazing facts

- An estimated 22,000 Profile 22 windows, doors and conservatories are fitted each week - that's over one installation every 30 seconds!
- Colourfastness tests carried out in the extreme temperatures of the Arizona desert and at PROFILE 22's Telford headquarters simulate long term exposure to weather and airborne pollutants.
- The people behind the Profile 22 system were the first to introduce PVCu into the UK in 1976.
- With more than 25 years' experience, Profile 22 is one of the top three suppliers of PVCu frame materials in the UK.

Question:

Will woodgrain finishes fade with time?

Answer:

The types shown here are guaranteed for a full 10 years against discolouration and delamination of the specially bonded wood-effect finish.

Wonderful Surroundings

A key finishing touch to a window is the 'beading'. That's the PVCu glazing surround that holds the glass in place.

Think of it as a picture frame. The beads around your windows will frame your view of the outside - as well as complementing your home's interior, so it's important to choose a design that suits your decor.

All beading styles are available in all colours



Bevelled bead



Scotia bead



Ovolo bead

INSIDE OUT OUTSIDE IN

External and internal glazing explained



External Beading



Internal Beading

There are two common methods of glazing a PVCu window or door.

One involves the glass being installed on the inside with the beading also applied and visible on the inside. This is known as internal beading.

The other method (external beading) is where the glass is installed from the outside with the beading also applied on the outside. In the case of an externally glazed window, glazing tape, security bead or glass clips can be used to prevent the glass from being forcibly removed.

Frame colour options



White



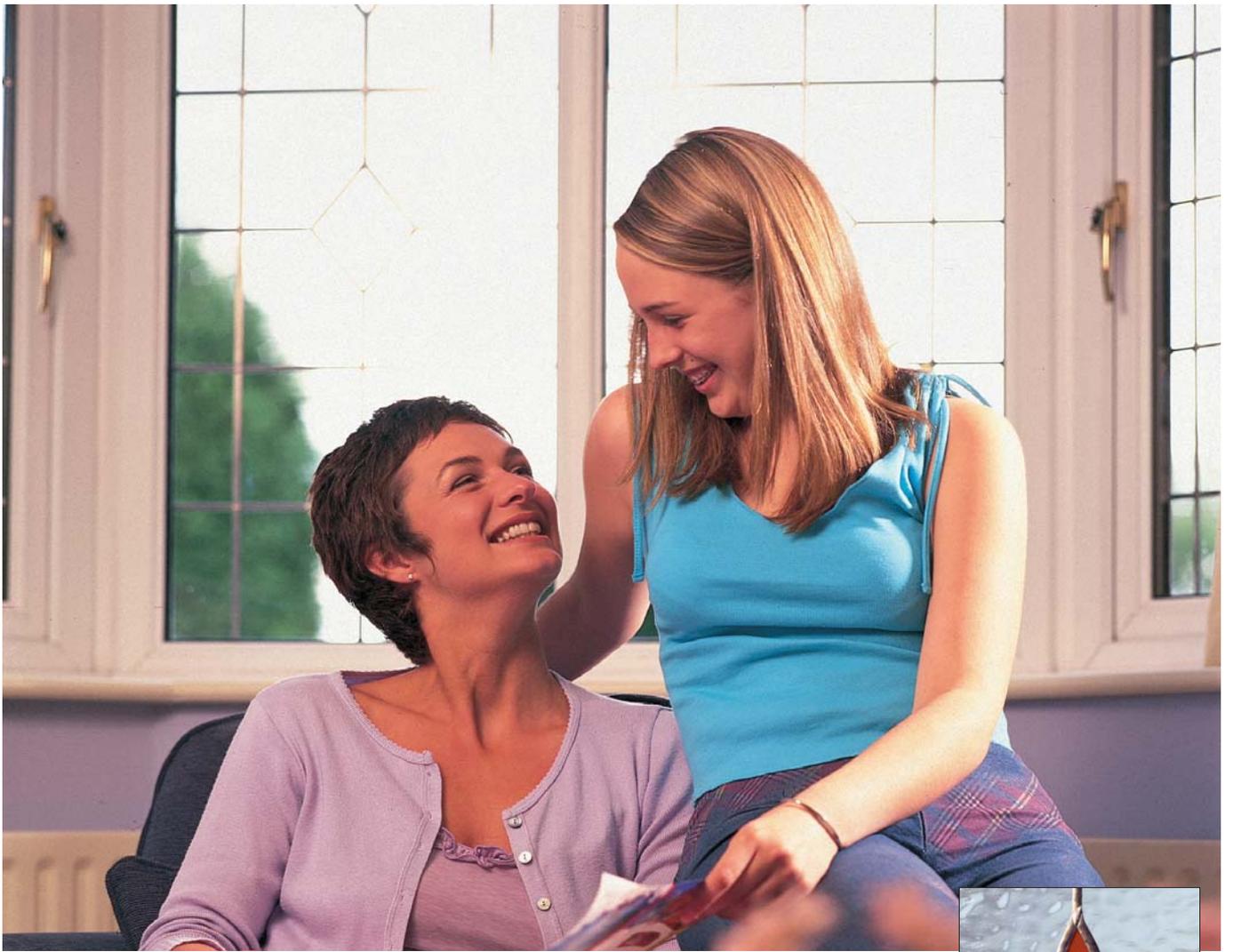
Rosewood



Antique Oak

Rosewood on white

Antique Oak on white



Functional but also highly acclaimed for its decorative properties - there's a delightful array of glazing styles available for today's double glazed windows, doors and conservatories.

A touch of Glass

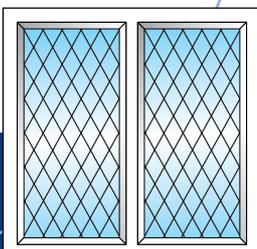


Bevelled glass design

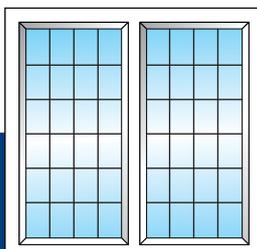
Glazing has come on in leaps and bounds over the past few years. It is now more thermally efficient and there are now a multitude of different designs available, so it pays to consider the options before you decide.

Leaded glass styles are particularly popular for a period look and feel. There's a wide variety of patterns available, from the

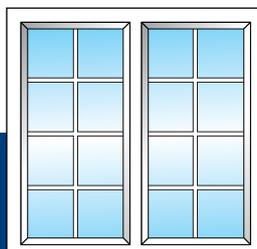
distinctive Elizabethan lattice style to the simpler square and rectangular panes which have a more contemporary feel.



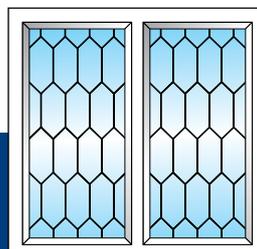
Elizabethan Leaded



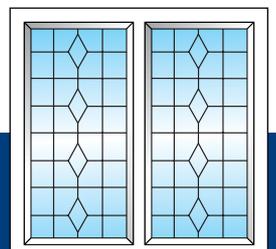
Georgian Leaded



Georgian White Bar



Jacobean



Queen Caroline

Question:

How does low emissivity glass, such as Pilkington K work?

Answer:

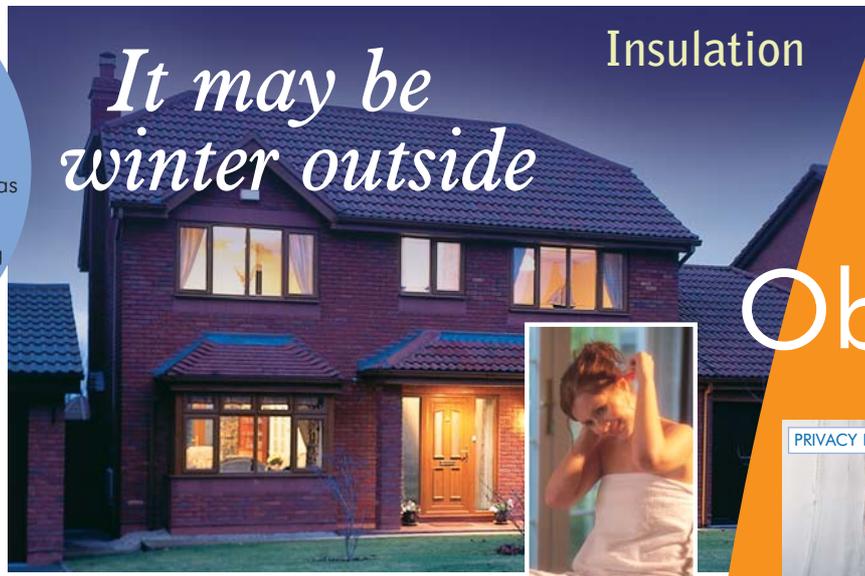
In basic terms, low emissivity glass has a special coating that reflects heat back into your home, thus reducing the heat loss through your glazing.

Another very popular choice is Georgian bar. Its classical rectangular configuration makes it particularly versatile and suitable for both modern and more period properties.

Bevelled glass detailing has also been making something of a comeback. The technique of angling the edges of glass to refract additional light has been used by craftsmen for more than 200 years.

Careful selection of glass will help to reflect and enhance the character of your home and it's well worth asking your supplier for brochures so you can see the full range that's available.

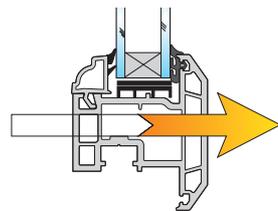
i For advice and more information on glazing, ask your local PROFILE 22 installer or visit: www.profile22.com



Forget winter's chill. When it comes to keeping you warmer, new double glazing can more than halve the heat loss from your home. The bigger the air space between the two panes of glass, the less heat is lost, up to an optimum of 20mm, and the cost of replacing single or older double glazing with new regulations compliant double glazing is recoverable in future energy savings.

Energy Window	
70mm PVC-U Casement Window Profile 22 F70 (Rated A)	
A	A
B	
C	
D	
E	
F	
G	
Energy Index (kWh/m ² /year)	0
The climate zone is:	UK
Thermal Transmittance (U _{frame})	1.4 W/m ² ·K
Solar Factor (g _{frame})	0.44 W/m ² ·K
Effective Air Leakage (L _{air})	0.00 W/m ² ·K
Reg. No.: 299 www.bfrc.org	

A warmer and quieter home



PVCu has excellent insulation qualities and, together with the double glazing, it acts as an effective barrier that helps reduce heat loss and outside noise levels.

Obscure
BY DESIGN



Pilkington Everglade

For those places where privacy is called for, such as bathrooms, toilets and entrance doors, surface patterned (obscure) glass designs are available. It's important to remember that there are different grades of obscurity to suit the levels of privacy you require. The grades range from 1, being the least obscure to 5, offering the most privacy.

i For more information on the full range of obscure glazing patterns available, ask your local PROFILE 22 installer.

Energy Efficient



New levels to reduce heat loss

Thermal performance is measured in U-values and all new PVCu framed windows and doors must now have a maximum **U-value of 2.0 W/m²K**

- another good reason for buying new windows

Document L* is the section of the latest government Building Regulations that stipulates that all new windows (and doors with 50% glazing or more) must comply to certain energy conservation levels to help reduce harmful greenhouse gas emissions.

The energy required for heating, lighting and cooling buildings currently represents over 50% of all carbon dioxide emissions. By replacing single pane glazing with Document L* compliant double glazing harmful emissions can be reduced by as much as 70%.



PROFILE 22 windows comply to the latest building regulations and achieve Window Energy Ratings (WER) of A, B and C.

Exceptions to the rule

- Historic buildings, listed properties and buildings in conservation areas.
- Replacement doors with less than 50% glazing.
- Replacement glazing.
- Conservatories if separated from a house/building and heating is self-contained.
- Shop fronts and shop doors.

*Document J in Scotland *Document F in Northern Ireland

A Style to suit

The last two decades have witnessed significant advances, not only in the build quality of new PVCu windows and doors but also, in the choice of designs that are available to today's homeowners..



Casement window with top and side hung openers

Some people still believe that 'plastic' and 'period' don't go together!

These two pages clearly show why we beg to differ. The selection displayed here indicates how it is possible to make your dwelling a more desirable one through exploring the different window designs, PVCu frame configurations and glazing styles that are available.

From the ultra modern to contemporary, and the more established period properties - PVCu replacements offer an ideal solution, regardless of your home's age or character.



Tilt and turn window with rosewood finish

Tilt position

Turn position

Don't think that all PVCu windows and doors need to have square corners. Thanks to the moulding properties of PVCu, almost any type of arch can be produced. So whether you're looking for a round, arched or square window, there's no reason why it can't be a PROFILE 22 one!

BEND ME SHAPE ME



Casement window with imitation sash horns



Testing, testing...22
PROFILE 22 is tested to the most rigorous quality standards - including colour-fastness, corrosion, durability, surface quality, proof against warping and twisting, impact strength and fire resistance.



WINDOWS THAT WON'T COST THE EARTH!

With diminishing natural resources and increasing concerns over global warming, it's important to choose products that are environmentally friendly - both in the way they are made and the way they perform. PROFILE 22 helps to protect the interests of future generations in the following ways:

- Reduced heat loss means lower energy consumption.
- As a rot-free alternative to wood, PVCu saves millions of trees worldwide.
- Low-energy manufacture reduces harmful gas emissions.
- PVCu frames can be easily recycled.
- PROFILE 22 windows comply to the latest building regulations and achieve Window Energy Ratings (WER) of A, B and C.



STAYING SAFE



Figures show that the equivalent of over **146 burglaries every hour** were committed in the UK.

The British Crime Survey has shown that security devices are effective in reducing the risk of burglary

Source: Home Office British Crime Survey 2000.

AND SECURE

Whilst helping to keep you warm, new replacement windows and doors can also offer you the peace of mind of knowing that your property and possessions are suitably protected when you're out or away from home - better quality, modern windows and doors use multi-

point locking mechanisms to prevent them from being forcibly opened.

For safety's sake, innovative fire escape hinge designs are available and restricted opening hinges can be used to make your windows more safe and secure.

Home security hardware



There is a multitude of different locking and anti-intrusion devices and the specification can vary. The important thing is to feel confident about the level of home security your new windows and doors will give you.

i For advice and more information on high security windows and doors, ask your local PROFILE 22 installer or visit: www.profile22.com

Home security and fire safety hints

- Lock your door! According to Home Office statistics almost a quarter of burglaries involved access through an unlocked door.
- Make the property look occupied when you're out or away. Use time switches to turn lights, radios, etc, on and off automatically.
- If you're going away, ask a neighbour to open and close curtains morning and night. Ask them to gather up your mail too.
- If you can, secure access to the back of your home with a lockable gate.
- Fit smoke alarms on each floor of your house.
- Close all internal doors when you go to bed.
- Do a safety check of appliances, ashtrays, heaters, etc, last thing each night.
- Have a fire action plan which everyone in the house knows.
- Ask for a free copy of **Your Practical Guide to Crime Prevention** by writing to the Home Office, PO Box 999, Sudbury, Suffolk CO10 6FS.
- For more fire safety advice visit: www.community-fire-safety.org.uk

Replacing the replacements



More and more people are replacing older PVCu doors and windows with today's more sophisticated replacement systems. Not only are the modern materials of far better quality, being more efficient and reliable, they're also significantly cheaper than older systems ever were.

Modern day windows are far more advanced and far more affordable than those installed ten or even five years ago!



The benefits

- High-quality products that outperform older systems in every department.
- Better security and insulation against heat loss and sound.
- Better-built, more robust windows and doors.
- Improved, slimline appearance.
- Far less likely to fail than older PVCu products.
- Easy clean options.
- Aluminium or galvanised steel reinforcing.

Homeowner Profile

“... because it requires very little maintenance we’ve got time to make full use of it.”



This Victorian style conservatory in a Rosewood PVCu frame finish added style, value and the luxury of a bright new living area.



Dreams DO COME TRUE

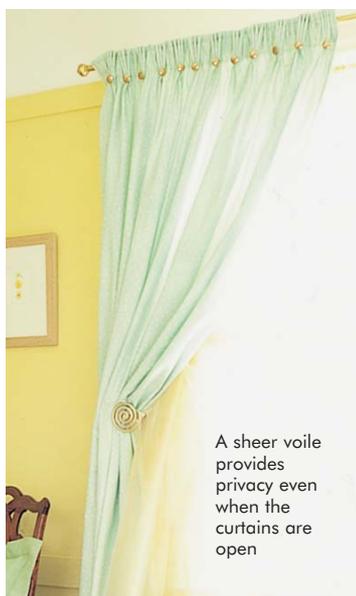
Having moved to a farmhouse style residence in rural Shropshire, Mr and Mrs Fish were keen to add a conservatory to their new country home. The extra living space would serve as a tranquil retreat where the couple could relax and enjoy inspiring views of the surrounding countryside - something that Mr and Mrs Fish had always dreamed of.

After consulting with their local PROFILE 22 installer, they decided on a Victorian style conservatory that made good use of the available garden space and complemented the architectural attributes of the farmhouse.

By paying particular attention to the existing property, the installer made certain that the brickwork of the conservatory matched that of the house and the low maintenance, authentic

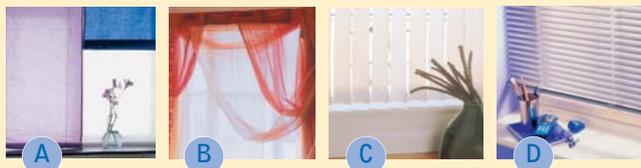
wood appearance of the Rosewood finish PVCu framework blended well with the house’s timber windows and doors. Other considerations such as roof vents, a ceiling fan and heating were also incorporated to ensure the room could be enjoyed all year round. And being in a relatively secluded spot, security was also an important factor with a multi-point locking system specified as standard on all the opening windows and doors.

Commenting on her new custom-built conservatory Mrs Fish stated, “It is everything that I ever dreamed of and more. It is without doubt our most favourite room of the house - light and airy, and because it requires very little maintenance we’ve got time to make full use of it.”



A sheer voile provides privacy even when the curtains are open

Window dressing



- A.** Instead of installing one huge blind at a large window, fit several narrow blinds in contrasting colours.
- B.** Layers of voile looped over a simple curtain pole look stunning.
- C.** Vertical blinds work well in modern, minimalist rooms.
- D.** A versatile Venetian blind allows you to let in as much or as little light as you need.

Blinds and curtain poles available from  Call: 0500 008572

Quick tips

- Curtains can change the whole feel of a room - use rich colours for drama or pale sheers to add a light, airy feel.
- You don’t need to spend a fortune - lots of cheaper fabric gathered in folds can look great.

Sarah Giles
Editor, Home magazine



THE RESIDENTIAL ● THE PATIO ● THE FRENCH

THE DOORS

Most of us have experienced a door that won't shut properly or one that sticks and swells. After a time it becomes annoying and the only way to address the problem is to repair or replace it.

Fortunately for today's homeowner, timber doors aren't the only option. PVCu and PVCu clad composite doors are time enduring alternatives that successfully imitate the look of a traditional timber door but, unlike wood, won't rot or warp as the seasons change.

As far as options go, full panel doors are ideal for entrances that open on to pavements, shared access passages, or for the utmost privacy.

Semi-glazed styles allow more light into entrance areas and offer a suitable level of privacy for



front door applications. For rear or side doors that open on to more secluded areas, choose a style that is more 'open' in appearance with less panels and a generous amount of glazing.



For more information on residential doors, patio doors, French doors and porches ask your local PROFILE 22 installer or visit: www.profile22.com

*First impressions count!
But there are practical considerations too when deciding on doors to grace your home...*



Your favourite front door? Put it to the panel!

Your decision on which type of PVCu door to select will be governed largely by its position in your home.

There's an extensive range of door types to choose from, whether solid or part-glazed - and a whole variety of different panel styles. Ask your retailer to show you the range of panels available - they'll help you to choose a design that complements the architectural style of your property as well as the configuration of your windows.





Composite doors

On first appearance it's difficult to distinguish a composite door from a conventional hardwood one. They are good looking, tough, weather resistant, carry a lengthy product guarantee and are available in a choice of colours to suit your property and your personality!

Complementary glazed or part-glazed sidescreens can give wider entrances a grander appearance and also allow additional light into your home.



Question:

What is a composite door?

Answer:

Composite doors are the most recent development in the door market. Standard construction is a laminated ply frame with a Styrofoam core and a preformed PVCu skin inside and out.



Summer LOVING

Imagine throwing open your French doors on a warm evening and strolling into the garden with a glass of chilled Chardonnay in your hand. Or sliding back the patio doors to let glorious sunshine stream into your home on a fine day in high summer.

Nothing enhances a room like French or patio doors. They let more light in and enlarge the feel of



the room. And they help to make your garden a natural extension of your home.

Fully glazed or part glazed sidescreens are also available for wider entrances with the option of a central midrail for letter boxes.



Question:

Will I need planning permission for a conservatory?

Answer:

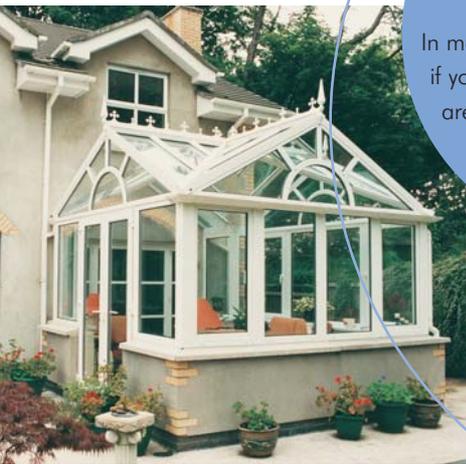
In most cases you won't. But take care if your home is within a conservation area or if the property has already been extended. Your retailer will be able to advise you.

Ask anyone who has a conservatory and they will tell you - it's a sheer delight!

Conservatories are one of the most popular home improvements of recent years and it's easy to see why. Not only does a conservatory provide an exciting extra dimension to your living space, it also gives you a natural link between indoors and outdoors.

A conservatory will add to the worth and desirability of your home.

Whether you select one of the more modular designs or have one individually tailored to your exact needs, it's important to create a conservatory that is in-keeping with the look and architectural characteristics of your particular property. It should be a well designed extension that perfectly



A room you can enjoy all year round - whether for entertaining friends or simply a space where the family can relax.



complements the existing building, regardless of its position...

North, south, east or west facing, your retailer will help you with technical issues, as well as advising on the more practical matters such as fittings, ventilation and climate control solutions to suit the location of your conservatory.

Here comes the sun! With the right help, you'll be surprised at how easily your dream conservatory can become a reality...

Rooms for all seasons



The Edwardian



The Sunlounge



The Victorian Combination



The Regency



The Victorian

POPULAR DESIGNS

Furnishing, flooring & flora



Your conservatory is a link between the house and the garden so choose casual furniture in pale colours (bamboo and wicker with cotton cushions are ideal). Tiled flooring works

well (if you're worried that ceramic tiles will be too cold, choose a modern vinyl with a tile pattern - some are almost indistinguishable from the real thing!), and add plenty of lush green plants.



Quick tips

- Your conservatory will soon become the one room you spend most time in so choose comfortable furniture you'll want to lounge in.
- Special conservatory blinds will keep heat in during the winter and reduce heat and glare in summer and are invaluable.
- Keep fussy patterns to a minimum to create a calming, relaxing space.
- Have plenty of electrical sockets installed so you can have lots of table and standard lamps to create different moods with lighting.

Sarah Giles Editor, Home magazine



Because we listen, you get **exactly** what you want

**Quality
service from
a company
that cares**

- **FREE** and friendly sales advice
- **FREE**, no obligation quotations
- Tried and tested products with a comprehensive guarantee
- Quality installations
- After-sales service



If you feel daunted at the prospect of having to contact a double glazing company, don't be. Contrary to popular belief, all window companies are not the same. In fact you may be surprised to learn that some are very, very sincere and can attribute their success to satisfying the needs of hundreds of local homeowners.

As a PROFILE 22 installer, our sales philosophy is based on listening and not lecturing. And, by paying careful attention to what you need, we can help you realise your dreams through installing top quality replacement windows, doors or conservatories that are designed to suit your lifestyle and your budget.



For more information on any of the products shown in this publication, contact your local installer of PROFILE 22 windows, doors and conservatories or visit our website at:

www.profile22.com

