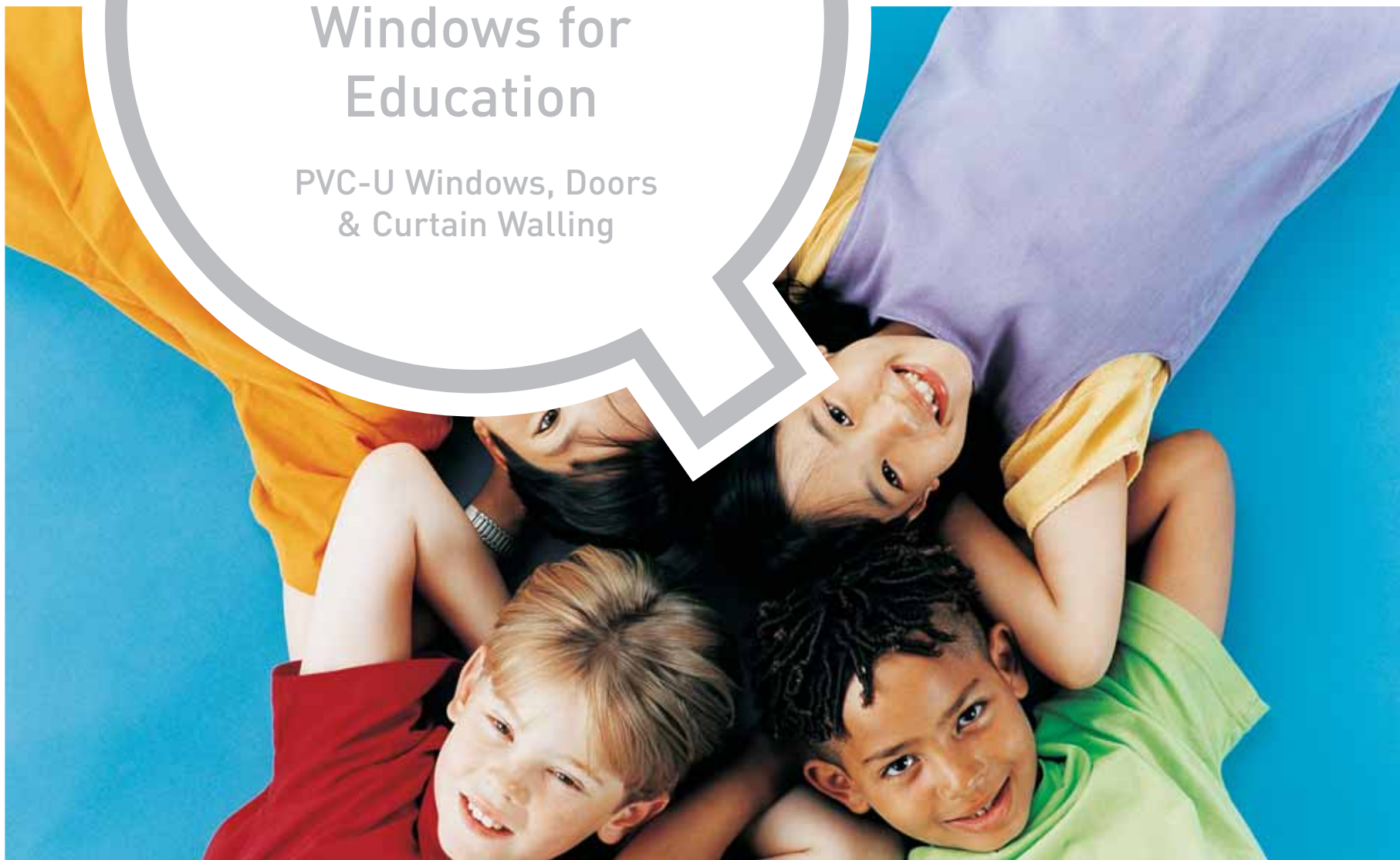


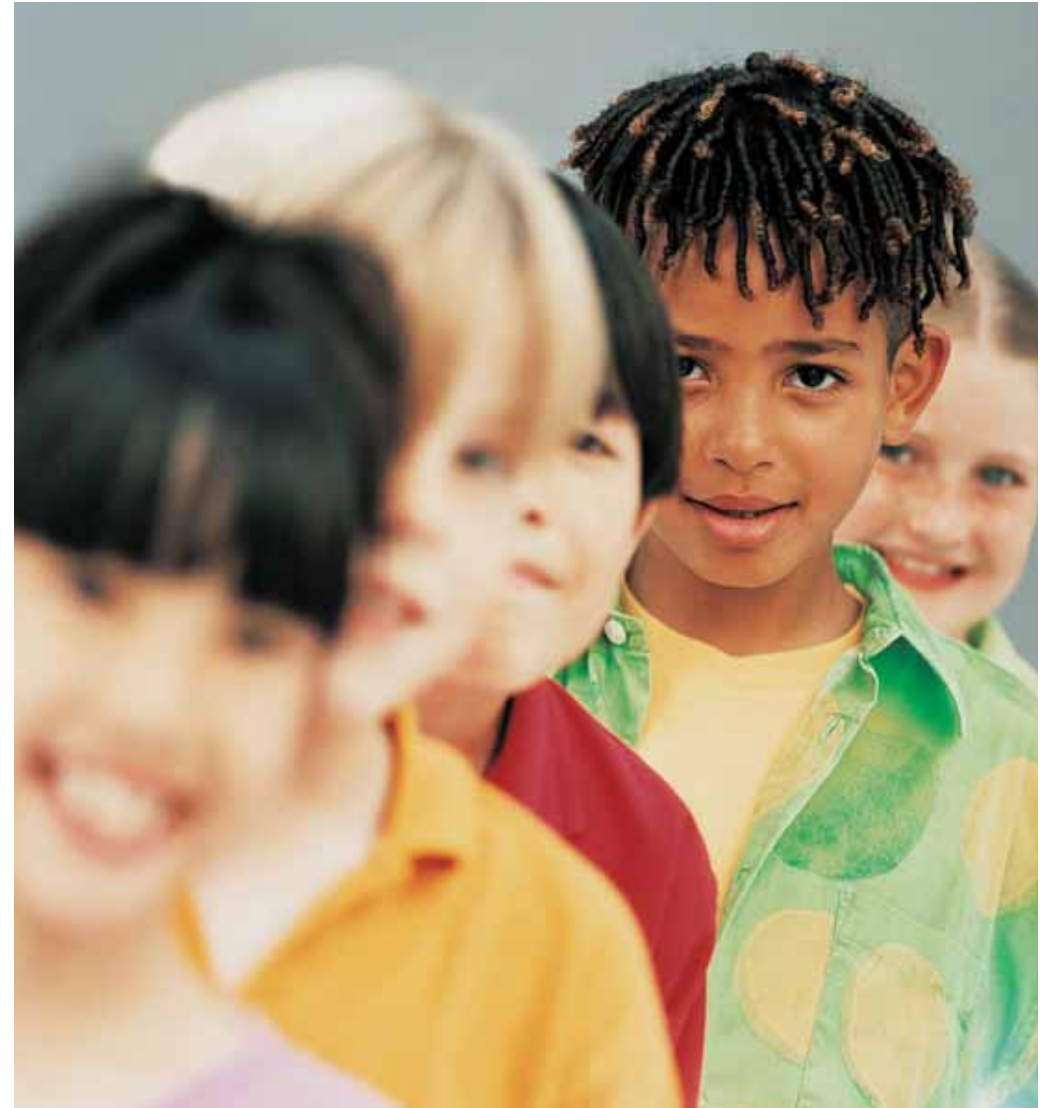
Windows for Education

PVC-U Windows, Doors
& Curtain Walling



About this Booklet

This booklet explains the benefits of replacing your school's windows, doors and curtain walling with low-maintenance, high security British Standards approved products. It guides you through some of the issues to consider and the products and options available so that you can make more informed choices. It is part of our complete solution for schools.



The best windows
are made from
Profile 22



PROFILE 22 is the UK's leading PVC-U window and door systems company.

We have a dedicated team of Approved Commercial Manufacturers who hold minimum standards such as constructionline/EXOR and quality accreditations.

Our manufacturers/installers that have been successfully approved will display the official logo and hold a valid certificate. For a list of our manufacturers both nationally and regionally contact Profile 22.

Reasons to Specify Profile 22



breeam



- Free design advice available from BREEAM Education licensed assessors
- Full BREEAM service available from Design Consultancy through to Post Construction Review
- No-obligation consultation meeting to establish your requirements
- Full specification help, advice and project planning from start to finish
- Field and office based technical support team
- Comprehensive specification information guide, including all product and legislation details available on CD
- Extensive choice and information of low-maintenance sustainable PVC-U windows, doors, curtain walling and ancillaries
- SAFEWARE hardware for peace of mind concerning security
- Wide range of glazing, aesthetically pleasing styles and finishes
- Designed and tested to meet all relevant industry standards and Building Regulations to ensure optimum quality, durability and energy efficiency

Advanced performance specification

PVC-U windows and doors are one of the most popular school improvements because they improve the security, appearance, comfort of your class rooms and save you money. They are also able to withstand the tough treatment meted out by pupils.



Modern replacement windows, curtain walling and doors are a low maintenance solution offering excellent whole life costings - so saving you more money than ever before.

They are also more durable thanks to advances in hardware design and manufacturing techniques. They are designed to meet the changing requirements of schools in all respects, including security features, energy efficiency, sound proofing and safety.

Every Profile 22 product meets the requirements of the Government's latest Building Regulations.

What will it Cost?

Costs naturally vary according to the size and specification of your project. Most schools replace their windows and doors as part of a phased completion process and our specialist contractors can create a works schedule, often spanning several years, which suits your school's financial requirements and plans.

Profile 22 can also advise on the likely energy and maintenance savings that your school can expect when fitting new windows and doors.



Making the Right Choices



Safety

We can advise on a specification to comply with legislation like Document B which governs fire escapes.

There is a wide range of safety glass available to suit different applications.

Security

Protecting your school's resources has never been more important. Correctly specifying your windows and doors will deter intruders. Security features now available include internal glazing, shoot bolt espagnolette locking, locking handles, multi-point door locks, hook bolts and reinforced glass. All fully accredited to Secured By Design for added peace of mind.



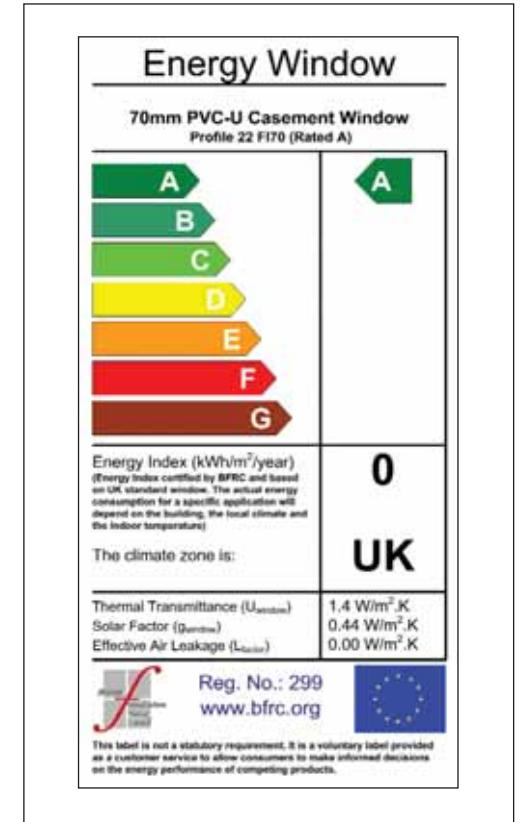


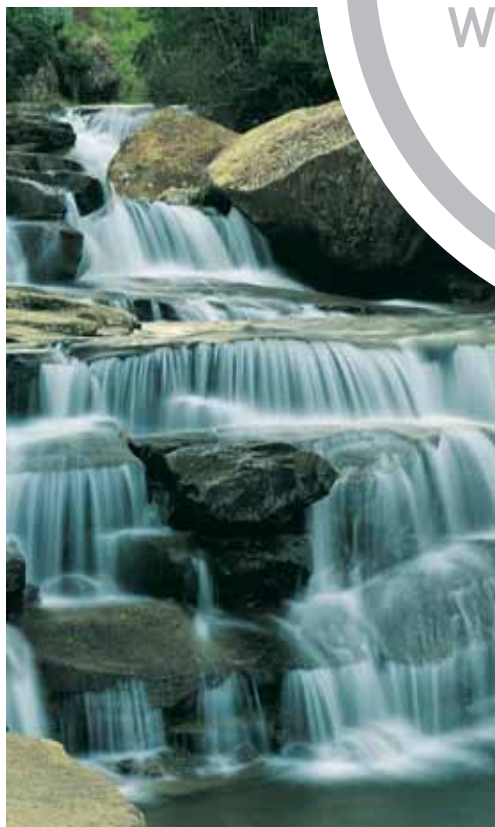
Maintenance

PVC-U products offer lower maintenance compared to other materials traditionally used in the manufacture of windows and doors. There is no repainting and the general construction of PVC-U is more durable than alternative materials. Profile 22 can advise on the selection of suitable products that will meet your security, safety and comfort requirements and reduce your maintenance costs.

Energy Efficiency

Profile 22 fully commit to the the Kyoto protocol and the new BFRC energy efficiency ratings scheme, ensuring all products meet the stringent energy efficiency legislation. Document L of the Building Regulations (Document J in Scotland, Document L in Republic of Ireland, Document F in Northern Ireland) sets strict standards on the performance of windows and doors. We can advise on the right specification for your school. In the process, you'll be creating warm and more comfortable class rooms, making a valuable contribution to the environment and lowering heating bills.





Windows that won't cost the earth

Environment

Profile 22 is committed to the environment and offering sustainable whole life costings for improved communities throughout every stage of production to site, through both its manufacturing processes and through its products.

PVC-U is a multi purpose material, not only can it be manufactured safely but it is easy to recycle. Some research studies have shown that PVC-U can often be recycled over ten times and materials such as glass and steel in the window unit can also be recovered.

The PVC-U industry as a whole has made a voluntary commitment to recycling.

Our network of contractors all operate a recycling programme and any old products or production off cuts can be re-used for anything from underground pipes to electrical cable trunking.

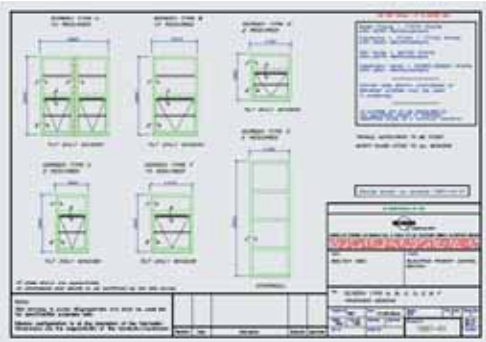


Case Studies

Rivington and Blackrod School, Bolton

Background:

This 19th Century building required the refurbishment of 160 windows, including the replacement of arched windows and the preservation of original glazed lights which featured a design of the school's crest.



Benefits:

- Project completed in term time with minimum disruption to 1,650 pupils and with strict health and safety procedures
- Fully integrated Profile 22 70mm window system
- Excellent thermal performance
- Advanced glazing and high performance products for heat retention during the winter and heat reflection during the summer
- Retained character and complemented the building style
- Low maintenance
- High security

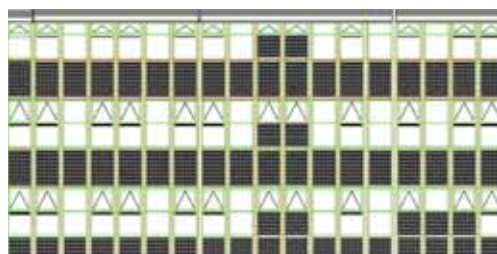
Campsmount School, Doncaster

Background:

The brief involved the replacement of more than 300 original rotted and warped 1950s and 1960s windows and curtain walling on one two-storey and one three-storey class room buildings and the college's gym with new more energy efficient and low-maintenance PVC-U products.



Before



Finished project

Benefits:

- Watertight and draught proof windows and doors
- BS7950 security enhanced windows
- Attractive appearance and functional
- Improved thermal efficiency
- Lower fuel bills through heat saving design
- Low maintenance costs

Profile 22 Products

PVC-U windows and doors

The highly specified fully accredited Profile 22 fully integrated system includes an extensive selection of PVC-U windows, doors, curtain walling, SAFEWARE hardware and complementary accessories in a variety of styles and finishes to suit any building.

The system features an integral pre-applied gasket system, Bubbles, which means that frames can be glazed quickly and efficiently as the seal is welded into position. This greatly improves weathering performance and security, while the low line appearance maximises visual glass area and minimises the seal sightline for a more aesthetic look.



Windows

We can design windows to suit your requirements. Our range includes:

- **Styles:** Choice of five basic designs with infinite variations
- **Security:** High security hinges and locking systems
- **PVC-U Frames:** Choice of 60mm or 70mm three or four chamber profiles for varying levels of energy efficiency
- **Glazing:** Choice of 24mm or 28mm glazing and large range of finishes for improved energy efficiency and incorporating safety features
- **Low Maintenance:** Wipe clean surfaces and intermittent component lubrication
- **Aesthetics:** Slim sightlines, choice of handles and selection of frame finishes



Curtain Walling

The high performance purpose designed curtain walling system from Profile 22, offers a Best Value solution which combines quality, sustainability, aesthetics, price and performance making it the perfect choice when creating large areas of fenestration for refurbishment or new build schools projects.

- High performance
- Improved aesthetics
- Specifier preference
- Glazing options
- Colour design
- Protected finish
- Fit for purpose



Before



Finished project

Doors

You can choose the door product that suits your school. Your choices include:

- **Safety:** Choice of safety glass, high security locks and push-bar panic devices
- **PVC-U:** High impact, energy efficient frames
- **Security:** Range of multi-point locking systems
- **Glazing:** 24mm or 28mm safety glazing and a choice of panels and glazing types
- **Low Maintenance:** Wipe clean surface and minimal component lubrication
- **Styles:** Entrance, French, patio, panelled or glazed
- **Accessibility:** A range of low threshold options in compliance with Document M



Quality, Health and Safety

Quality

Profile 22 is approved more often by more Local Education Authorities and Headmasters than any other PVC-U window system. That is because it carries every appropriate independent quality accreditation. British Standards Institute kitemarks, British Board of Agrément certification and Secured By Design.



Health and Safety

Profile 22's network of specialist fabricators have considerable experience working within recognised health and safety controlled working conditions and in particular within the disciplines required by schools.

A warmer quieter school you can be proud of



Make a Difference



Advanced Performance PVC-U windows made from Profile 22

For more information on any of the products shown or details of our network of manufacturers contact Profile 22 on 01952 290910 or visit www.profile22.co.uk

For more information
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