

CURTAIN WALL



THE BEST WINDOWS ARE MADE FROM



High Performance Curtain Wall System

This purpose-designed aluminium system is a cost-effective option for large glazed screens and stairwells. The strong, thermally broken sections are clad internally and externally with PVC-U for an attractive and durable finish. Profile 22's curtain wall system is suitable for a wide range of applications including new build and refurbishment projects in the domestic, commercial, industrial, education and healthcare sectors.

The system takes spandrel panels and accommodates most 70mm glazing systems. Window frames, panels and cover caps are fitted post installation minimising the risk of site damage. If a maintenance issue arises and a glazed unit or panel needs replacing, it's a simple task which can be carried out from inside, eliminating the need for scaffolding.

RIBA Product Selector

RIBA's resource is freely available and allows you to access our literature and other information about Profile 22. The RIBA website also links through to NBS Plus, the preferred specification system for the construction industry. Here Profile 22 window systems can be instantly added into a project specification by a designer, architect or contractor.

www.ribaproductselector.com

RIBA 

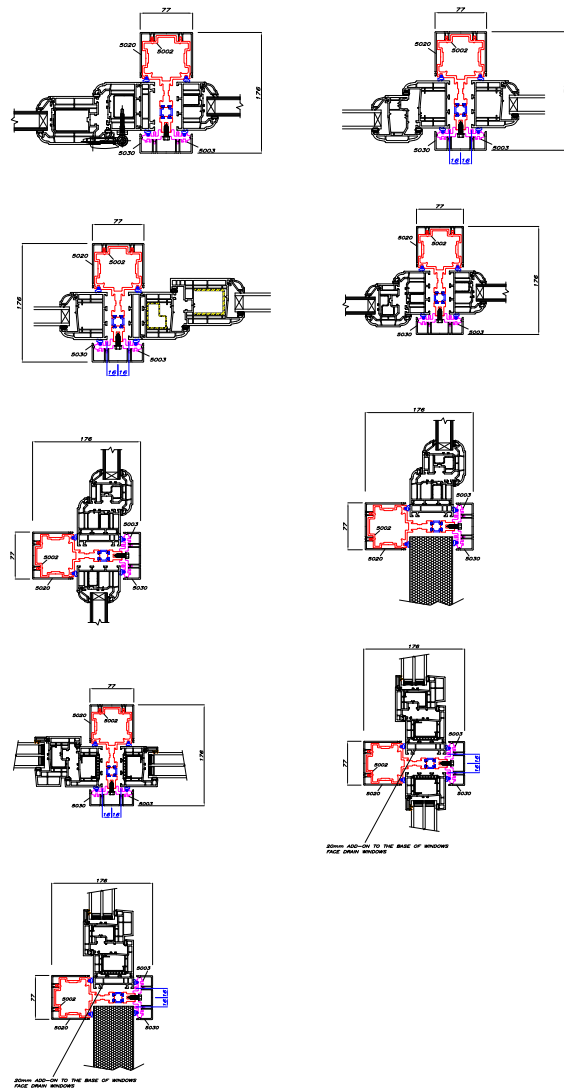




Specifier Preference

This system can accommodate the full range of 70mm window and door systems for a wider choice of product, and to make replacement of individual glazed units easier in the event of damage or breakage.

Specifiers can choose from direct glaze insulation or spandrel panels. Importantly it offers long term maintenance and cost benefits.



Features and benefits

- Ideal for stairwells and glazed screens
- Suitable for domestic and non-residential use
- Ideal for refurbishment projects
- Improves building aesthetics
- Fully compatible with 70mm systems
- Accommodates spandrel panels
- Glazing and panels fitted from inside
- Engineering grade aluminium sections to BS1474
- Polyamide thermal break with 0.168W/m²K conductivity
- Fully accredited and BSI tested
- Can be painted in any RAL colour
- Tested to withstand winds in excess of 140mph.





Material Specification

Material specification was also tested to BSI standards and achieved the following results at the Institute:

- Aluminium profiles to BS1474 - Specification for wrought aluminium and aluminium alloys for general engineering purposes
- Aluminium alloy 6063 T6
- Thermally broken aluminium sections to have Chromium Phosphate finish
- Polyamide thermal break has a thermal conductivity of 0.168 W/m.k.

The low rise curtain wall system from Profile 22 combines quality, sustainability, aesthetics, price and performance – making it the ideal choice when creating large areas of fenestration.

Improved Aesthetics

PVC-U clad, both internally and externally ensuring colour and material matches for an attractive end result. Window frames, cover caps and cladding panels are fitted post installation minimising site damage, and can be painted in any combination of RAL colour finishes, to create an overall agreeable contemporary façade fitting to the local community.

Quality Assured

The high performing curtain wall system is a thermally broken aluminium system giving superior strength and thermal performance.

Excellent weather performance ratings were achieved when the system was tested by British Standards Institute (BSI), to ensure specifiers are in no doubt of the durability and strength of the curtain wall system from Profile 22. Results for weather tightness achieved the equivalent of 3 times severe weather ratings for water tightness and the system withstood wind loads in excess of 140 mph.




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Colour options

Profile 22 offer a comprehensive range of internal, external and base colour options to provide the best aesthetic window and door solutions for its commercial clients. With 30 colour options to choose from, and a complementary base colour enhancing the appearance of products coloured on both sides, it's one of the many reasons why Profile 22 is one of the most specified PVC-U systems for all commercial projects, from social housing to student accommodation, and new build to education and healthcare projects.

					
Cream	Claystone	Pebble Grey	Windsor	Sage Smooth	
					
			Agate Grey	Chartwell Green	
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Irish Oak	Honey Oak Super-Matt	Light Oak	Pyrite		
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AnTeak	Swamp Oak	Rosewood	Black Brown	Flemish Gold Smooth	
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White	Dark Red	Steel Blue	Dark Green		
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Black Ultra-Matt	Silver D Smooth	Hazy Grey Finesse	Kensington Grey	Buckingham Grey	
					
Basalt Grey Smooth	Slate Grey Finesse	Slate Grey	Anthracite Grey	Anthracite Grey Smooth	





Why choose Profile 22?

Profile 22 is the UK's leading window and door systems supplier. Part of the Epwin Group, the business has more than 40 years of proven expertise and is committed to excellence and high ethical and environmental standards. A continuing programme of investment in facilities, manufacturing technologies and its people has produced an outstanding range of high-performing products to suit the needs of every sector. Profile 22's systems are the mostly widely specified, trusted by architects, specifiers and construction professionals alike.

Profile 22 is an ISO 9001 registered business which works to OHSAS 18001 and the ISO 14001 environmental management standard. A member of the VinylPlus initiative, it is committed to sustainable practices.

Fully supported

We can offer all the support you need. From initial consultations, with no obligation, right through to full specification help, advice and project planning from start to finish.

We have a highly experienced field and office based technical support team and a network of Profile 22 Approved Commercial Manufacturers, whose training, skill and dedication will contribute to the success of your project.

Fully accredited systems

The Curtain wall system is Secured by Design accredited, giving peace of mind to the end-user. Windows have been tested and approved to PAS24 (enhanced security performance requirements for doorsets and windows in the UK).

The system is manufactured to BES6001, ensuring that its constituent materials have been responsibly sourced, and allowing additional points under BREEM.



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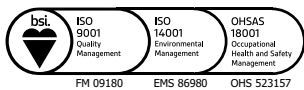
For further information

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