

CURTAIN WALL SYSTEM



THE BEST WINDOWS ARE MADE FROM



High Performance Curtain Wall System

A purpose developed curtain walling system designed to extend the highly specified window and door system from Profile 22 in the commercial sector. Our curtain walling offers architects and specifiers best value, greater choice and flexibility for large fenestration screens within the refurbishment and new build sectors.

Suitable applications

- Education buildings
- Offices
- Hospitals
- Factories
- Shop fronts
- Large stairwell screens
- Other commercial developments

The new curtain wall system is an ideal solution to education buildings and properties in the commercial sector requiring large areas of glazing.

Support package from Profile 22

As part of its complete partnering package, Profile 22 can offer specifiers comprehensive support in the specification of products, as well as advice on any issues that need to be discussed.

- No obligation consultation meeting to establish your requirements and budget
- Full specification help, advice and project planning from start to finish
- Field and office based experienced technical support team.
- Extensive range of high quality durable low maintenance PVC-U windows, doors and ancillaries
- Nationwide Approved Window Contractors network
- Full contract management
- Compliance to latest Building Regulations and Quality Standards

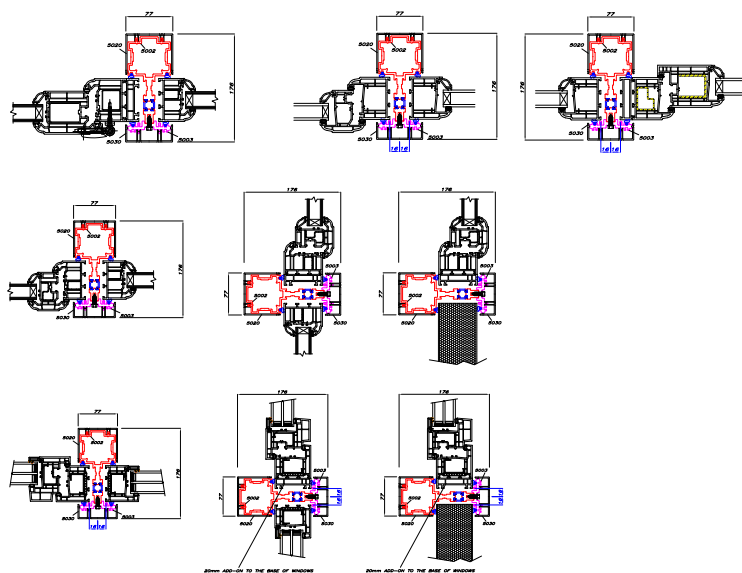




Specifier Preference

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, if in the unlikely event a glazed unit does need to be replaced, the system accepts individual glazed frames. The bead is simply removed and the new glass unit slotted in from the inside, for a simple and quick replacement.



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PROFILE22[®]

Features and benefits at a glance

- High performance
- PVC-U clad, thermally broken aluminium system
- Fully compatible with Profile 22
- Improved building aesthetics
- Accredited system - BSI tested
- Popular choice amongst specifiers
- Glazing options
- Tried and tested solution
- Diverse colour range
- Uniformity of product texture

Weathering Performance

The system was tested to BS 5368 parts 1, 2 and 3 and achieved the following classification for weathertightness.

Test	Value
Air permeability	600Pa
Water tightness	300*Pa
Wind Resistance	3000Pa

* Sample showed no sign of leakage up to 1000Pa.





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 walling 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 walling 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

Dark Red	Brilliant Blue	Steel Blue	Dark Green
Chartwell Green	Agate Grey	Anthracite Grey	Anthracite Grey (smooth)
Signal Grey (smooth)	Basalt Grey	Hazy Grey	Slate Grey
Mahogany	Rosewood	Light Oak	Natural Oak FL-G
Rustic Oak 1	Dark Oak FL-F1	Swamp Oak ST-F	Walnut V
English Oak	Black Brown	Woodgrain	Cream
Irish Oak	Slate Grey (Finesse)	Siena PR	AnTeak

To discuss any specific colour requirements please contact us.

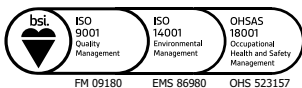
For further information

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PROFILE



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