

**deceuninck**



# Innovation in Fenestration

Commercial Window & Doors Solutions from Deceuninck

PRIVATE HOUSING DEVELOPMENTS | STUDENT ACCOMMODATION | SOCIAL HOUSING | CARE HOMES  
HIGH RISE BUILDINGS | SCHOOLS | RESIDENTIAL APARTMENTS

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## Why Deceuninck?

With a heritage spanning eight decades, Deceuninck is one of the top three PVC-U extrusion systems' companies in the world. With operations in 75 countries, the brand is a market leader in the design and manufacture of innovative, high performance PVC-U windows and doors. Over 2,000,000 product are made from Deceuninck profile in the UK every year and many of these go into commercial new build and refurbishment projects.

## Sustainable Solutions

Sustainability is high on our agenda. All Deceuninck products are 100% recyclable at the end of their lives and we have been recycling our own production waste for 50 years. Deceuninck's double glazed windows

achieve A+ energy rating, or a U-value as low as 1.2 W/m<sup>2</sup>K, providing superb thermal insulation. Our triple glazed windows achieve A++ energy rating, or a U-value as low as 0.8 W/m<sup>2</sup>K.

## Innovative Design

When it comes to design, Deceuninck understands the important contribution of doors and windows to an overall building envelope in terms of natural light, ventilation, sustainability, security and aesthetics. Colour is a key driver in architecture and more than one in four doors and windows in the UK are now coloured.

Deceuninck leads in colour and sells 50% more coloured profile than the industry average and 44% of our products are now foiled.

## Quality you can rely on

Deceuninck's investment into best in class products, combined with a knowledgeable network of experienced fabricators and installers across the UK, means that specifiers and architects rely on Deceuninck every day to help them realise even the most complex projects on time and on budget.

Please visit our website [www.deceuninck.co.uk/specification](http://www.deceuninck.co.uk/specification) for access to a wide range of case studies

# Innovation in Fenestration

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We take our inspiration from the buildings and environment around us, so our intelligent designs and innovations are flexible, versatile and appropriate for a wide range of commercial projects, traditional and contemporary.

Traditional  
2500 Series

Heritage  
2800 Series

Contemporary  
5000 Series

The range of sustainable PVC-U fenestration solutions includes:

## Traditional 2500 Series



The 2500 is a revolutionary system that offers the best in weather proofing technology, energy efficiency and security. Years of research and development has resulted in a technically advanced system that's ideal for commercial projects. Equal glass lines give a cleaner view inside and out, and endless colour choices mean you can specify and design great looking projects with ease.

## Heritage 2800 Series



Our 2800 system is outstanding in looks and performance and available in a wide range of colours and finishes. The decorative system with its sculptured shape and symmetrical design offers the elegance of traditional timber with PVC-U performance benefits. It can achieve U-Values as low as 0.91W/m2k. The unique design of this system also ensures unrivalled wind resistance, water tightness and air permeability. It's available complete with matching trims, cills and ancillaries.

## Contemporary 5000 Series



The 5000 Series is our flagship commercial system. This exclusive window and door suite embraces high performance in a contemporary design. It is modern and sleek with a unique pencil round feature. Integral to the 5000's design are a number of patented innovations – see overleaf for more on our unique Glass Fibre Technology, Lintrusion™ – that collectively can significantly increase the strength, security and integrity of the window.



# Innovation in Fenestration



Thanks to our heritage in supplying fenestration solutions to the commercial sector in the UK and across the globe, we've been able to design some unique products that help architects, designers, planners and specifiers ensure their project's success.



**No.1 in Colour**



## Linktrusion™ : Unique Glass Fibre Technology

Deceuninck's patented ground-breaking Linktrusion™ technology is the first to remove the need for traditional steel reinforcement. Linktrusion™ is the combination of glass fibre reinforced PVC profiles and an extruded reinforcement profile with embedded steel wires in a low density insulating foam core. Windows manufactured using Linktrusion™ are as strong as steel reinforced windows, but 30% more thermally efficient, with up to 40% savings on materials and weight. The windows are 100% recyclable.

We understand each project is different so it's important that architects and specifiers have a choice in colour and innovative design.

Deceuninck leads in colour - **we sell 50% more coloured profile** than the industry average with our extensive range of foils, painted profile and contemporary colours to suit a variety of project styles.

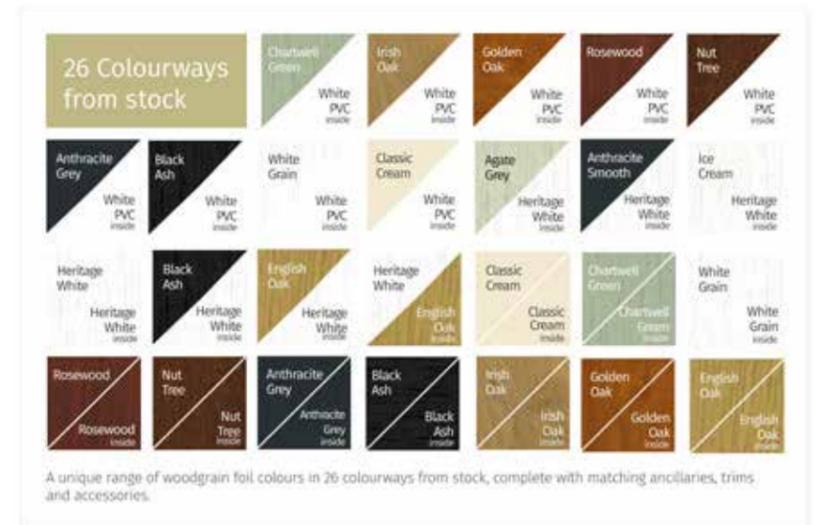
## Ask Us About Our Market Leading Range of Colours and Finishes

Renowned as the market leader when it comes to colour, specifiers and architects love our extensive range of foils which includes grain textured and smooth finishes available in 26 colourways of white / colour or colour / colour with matching cills and trims. Any other RAL colour is available to order on a short lead time.

## Decoroc

Decoroc is the preferred choice to Aluminium. It represents an extensive range of contemporary colours with a matt satin finish, perfect for your commercial projects. Our Decoroc coating system applies a unique, tough and textured oven-cured coating which is incredibly durable, scratch resistant and wonderfully effective - during the Decoroc coating process, each profile is inspected to check the visual appearance, scratch resistance, hardness and adhesion.

It is easy to clean and maintain. Should the coating become marked with graffiti, it can be easily removed with acetone with no damage to the Decoroc finish. Decoroc's colour options can be mixed and matched with one colour on the outside and another on the inside. Any RAL colour is available on minimum order quantities. Decoroc comes with a 10 year guarantee.



## Slider24: Patio Door



Gone are the days of stiff, hard to move flimsy patios. Deceuninck's Slider24 has a robust profile construction designed to withstand extreme loads and the toughest conditions. Available in 2, 3 & 4 panes, the complete door system comes kitemark approved to enhanced security standard PAS24. It is also up to three times more effective in bad weather than other leading brands and is available in 26 colourways from stock, both critical factors when you want #bestinclass.

## Fully Reversible Window



Designed for medium to high rise developments and ideal for tower blocks, social housing, hospitals and care homes, the fully reversible window is necessary where cleaning the outside of the window safely from the inside is the only option. It is #BestInClass for weather and thermal performance. It is PAS24 accredited and achieves Class A4, 600Pa Air Permeability; Class 9A, E1050Pa water tightness and Class A5 Ae2400 PA wind loading. It achieves U values of 1.3 double glazed and 0.96 triple glazed using Deceuninck's fully reinforced patented steel-wire foam technology. With a 1.4m x 1.4m fully tested maximum size, it is perfect for use in modern buildings with large apertures.

## Accreditations & Performance

- BS EN 12608 - PAS24 Window Systems - Enhanced Security Performance Requirements for Windows
- BS EN 12608 - PAS24 Door Systems - Enhanced Security Performance Requirements for Doors
- BS EN 12608 - PVC-U profiles for the Fabrication of Windows and Doors, Classification Requirements and Test Methods
- BS EN ISO 9001: Quality Management System
- BS EN ISO 14001: Environmental Management System

### NBS Plus

RIBA Product Selector

NBS National BIM Library



## Technical Support

As you'd expect from a brand like Deceuninck, we have a host of technical resources to help you specify the right products. Our technical team will guide you at each stage of the project and help with samples, drawings, and specifications.

### Deceuninck Limited

Stanier Road • Porte Marsh • Calne • Wiltshire SN11 9PX

T +44 (0)1249 816 969 • F +44 (0)1249 815 234

deceuninck.ltd@deceuninck.com • [www.deceuninck.co.uk/specification](http://www.deceuninck.co.uk/specification) @deceuninckComm