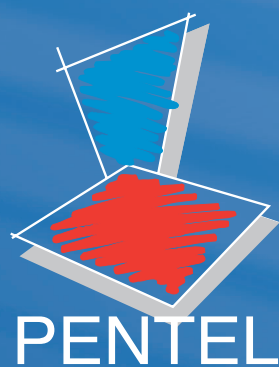


Window blinds and Soft furnishings

for the Healthcare and Education markets



INTRODUCTION

Established for over 15 years, Pentel Contracts are one of this country's leading manufacturers and installers of high quality blinds, solar control systems, curtains, and cubicle tracking systems for its customers throughout the UK. Working as a team on all aspects of the design, specification, manufacture and installation, Pentel Contracts are able to offer the complete solution. Our dedicated technicians and installation engineers work with architects and specifiers at an early stage and have considerable experience in undertaking site surveys and on site project management ensuring the process will run smoothly from start to finish.

As an authorised distributor of the complete Silent Gliss product range, the world's leading curtain track and blind manufacturer, and a distributor of the Astralux Systems range of solar shading products, the available selection of products, colours and finishes is extensive.

Pentel Contracts have many years of expertise in healthcare and educational installations with broad experience of designing, manufacturing and installing products in these multi-user environments. We also have a clear understanding of 'anti-ligature' requirements in both hospitals and schools along with an awareness to provide 'wipe clean' fabrics in areas vulnerable to risks of cross infection within the healthcare environment.

ASTRALUX SYSTEMS

The Astralux Systems brand is synonymous with quality, innovation, style and value within the contract window coverings market and have been successfully installed to a wide variety of situations including hospitals, schools, colleges and universities.

SILENT GLISS

Silent Gliss are the recognised industry leaders in high quality aluminium curtain track systems and have been installed into the UK NHS for the last 50 years. Their innovative product development has resulted in 75% of all UK hospitals having Silent Gliss cubicle track installed.

ACCREDITATION

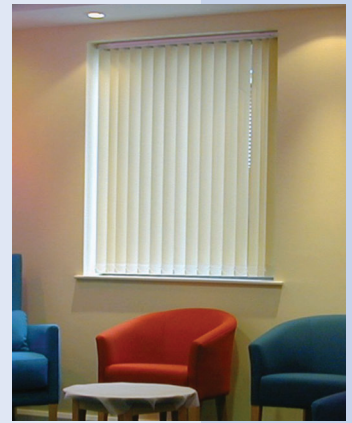
All our workforce is directly employed, enabling us to continuously control the quality of work carried out. All site staff are CSCS accredited, including surveyors, fitters and sales staff. Pentel also practice continuous Health and Safety development of all its staff.

WARRANTY

Secure in the knowledge that only the highest quality products are supplied, all Astralux and Silent Gliss ranges are offered with a 3 year warranty.

Astralux 1000 Vertical Blind System

is specifically designed for maximum performance and minimal maintenance. The track incorporates wheeled carriers which ensure a positive and smooth control even on large, angled or arched windows. Unique self-aligning louvres ensures a consistent look every time. With an extensive range of performance fabric to suit all decor and to provide solar protection, the 1000 Vertical blind system can be motorised and operated by switch or remote control.



Astralux 2000 Venetian Blind System is a product specifically designed for high performance and durability. This system is available in a number of variants including motorisation, an audio visual model for effective room darkening and the partition system for office partitioning or double glazing.

Astralux 3000 Roller Blind System

has been developed to provide excellent performance specifically for applications where unsupervised personnel are likely to operate the blind system: eg schools and hospitals. An extensive range of high performance fabrics and finishes are available as standard, offering an aesthetic but practical design solution.





Astralex 4000 Dim-out Blind System has been designed to achieve total blackout in specialist environments like laboratories, lecture theatres, schools and hospitals. The light-fast fabric travels within a brush lined side channel making the blind reliable and easy to use and is suitable for vertical, horizontal and sloping applications. Automation of the blinds can be controlled by either switch or remote control.



Astralex 5000 Tensioned Roller System offers architects and specifiers the ability to gently filter incoming sunlight and solar heat to help create the ideal living and working conditions, without completely shutting out the sun. These automatically operated roller blinds control the glare and heat and can react according to the fluctuations in sunlight. Hung internally or externally, vertically or horizontally, these blinds can also be manufactured in triangular or trapezoidal shapes to fulfil functional shading needs.

Astralex 6000 Internal & External Louvre is a range of non-retractable internal or external louvres, affording protection to all sizes of glazed buildings.

The system is available in a variety of specifications from fixed position structural louvres for permanent shading, to internal or external adjustable louvres, which can provide full light level control. The discreet precision engineered mechanism ensures years of trouble free operation with minimal maintenance. The system also provides effective insulation and security when closed.



Astralex Window Film Health and Safety regulations for vulnerable glass in public areas can be complied with by applying safety film to standard glazing, either internally or externally to hold the glass together in the event of an accident, impact or vandalism. This is ideal for schools, hospitals and public buildings and is available in various

Health, Safety and Welfare Regulations 1992

“Safety glazing must be used where vulnerable glass is situated in working or public areas ie. up to waist height in glazed screens and shoulder height in doors”

thicknesses and colours. The Security film provides a mirrored image to the outside of the glazing whilst still allowing vision out through the window during daylight hours. In addition, the film also reduces the amount of glare and solar heat gain entering the building ensuring a more pleasant working environment.



Astralex Soft Furnishings

range is a complete collection of bespoke curtaining including blackout, dim-out, cubicle, sheers and voiles in a variety of weights to suit all tastes. There is a wide range of flame retardant fabrics and a variety of accessories. Opening and closing couldn't be easier with a choice of hand, cord or motorised options. The

Technical System extends our range further and includes stage curtains, smoke curtains and black-out curtains, all of which can be fully motorised and automated.

Astralex Insect Screens

EU directives require that windows and doors in commercial food preparation areas which open to the outside environment are fitted with a means of preventing the entry of insects and other infestations. Astralex Insect screens suit all applications with seals that remain intact after thousands of operations.



Solar Control Systems



Silent Gliss Hospital Cubicle Track Systems

With over 50 years of experience in developing hospital cubicle track systems Silent Gliss continue to be the widely specified and installed systems in the UK hospital network and abroad. They offer two cubicle track systems, 6100 and 6103, both sharing constructional features which give them rigidity and strength combined with great flexibility in layout whilst achieving a clean unbroken line in hospital wards.

The top channel is designed to maximise connection positions, and when combined with single and double T-junctions, many suspension variations can be achieved. Consideration has even been given to minimising the risk of cross infection through the inclusion of a dust-cover strip.



Thought also needs to be given to lateral stability. Silent Gliss prevent weakening of the wall and ceiling fixtures by lateral movement by providing a choice of ceiling hanger rods, V-hangers, wall supports and wall brackets. Even in situations where it is impossible to ceiling fix they offer diagonal fixing supports that can return the hanger to the bed-head (System 6100 only).



Although both systems are functionally similar, the 6100 has a classic narrow profile whilst the contemporary rounded profile of the 6103 lends itself well to colour co-ordination with other elements in the location.

The 6650 Hospital Cubicle Safety Device has been devised by Silent Gliss to minimise the opportunity for patient self-

harm (specifically, attempting suicide using curtain tracks). The device is compatible with their System 6100 and can be adapted to cover room divider systems, door screens and straight or bent shower rail. The non-deteriorating components mean the system is even maintenance free.

The hanger rods, which replace the standard hangers, are constructed with a friction based joint that progressively separates at a maximum weight and load. The safety device system comes apart at track level, so can be re-installed by pushing the friction joint back into place in the hanger rod.



Thought has even been given to the damage that an incident could cause; loads applied directly underneath the wall support will cause the track to click out of place and separate from the support, if the load is applied further down the track

it will just tilt within the support and not damage the components fixed to the wall. Even the connecting bridge used to join cubicle tracks together is designed to separate under loads and not cause the domino effect where one single collapsing cubicle brings down connected systems.



Silent Gliss Hand Operated Safety Track

The Silent Gliss hand operated safety tracks are discreet tracks ideal for hospital and schools. Now available as wall (system 6021) or ceiling (system 6290) fix, the profile is fixed using self drilling screws without any gap between the wall or ceiling.

The unique glider is designed to separate from the profile when a specific weight is applied, a different blue glider is supplied for the leading edge of the curtain which is designed to separate at a higher weight to consider the increased load on this specific part of the curtain.



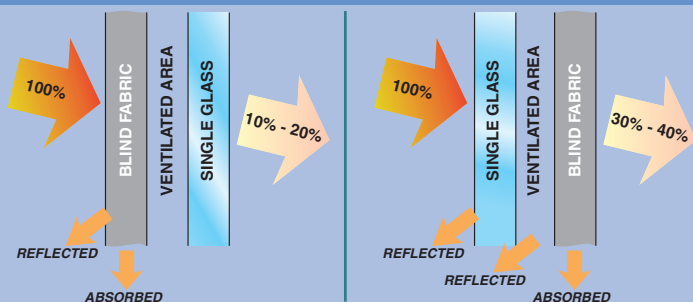
Glare and Solar protection

Glare - The increase in use of computers and visual display units (VDU'S) in most commercial buildings means it is especially important that screens are easy to use and Health and Safety Directives are complied with. Blinds can help to achieve these requirements and can reduce the intensity of light entering a room whilst still maintaining a view to the outside.

Solar radiation - Increased awareness of greenhouse gas emissions, natural comfort and the need for power savings has led to the development of worldwide regulations on the conservation of fuel and power. Internal blinds and external shading products can have a great effect on this and improve occupant comfort. Solar control systems can be installed which will filter the glare and control the heat but still allow light to enter the building. This creates a comfortable environment which can be fully utilised all year round.

External Shading

Internal Shading



External shading based on Astralux Solar open weave fabric. Internal shading based on Astralux Equinox fabric

Completed Projects



Alderhey Hospital, Oncology Dept.



Beswick Primary Care



Blackburn Acute Mental Health



Blackpool Victoria Hospital



Castlefield Health Centre,
Manchester



Dalton Ellis Hall,
Manchester University



Fazakerley Hospital

Hope Hospital

Hope University, Liverpool

Liverpool University

Manchester Childrens Hospital

Manchester Royal Infirmary

Maudland Building,
Lancaster University

Rochdale Hospital

Rochdale Infirmary

St Peters School, Belle Vue

Stepping Hill Hospital

Trafford District General

Wythenshawe Hospital



venetian blinds

roller blinds

vertical blinds

dim-out blinds

curtain tracks

cubicle tracks

window and cubicle
curtains

stage curtains

smoke curtains

insect screens

window film



INVESTOR IN PEOPLE



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