



Dearnleys

Commercial Solar Shading Specialists

90

OVER
90 YEARS OF
EXPERIENCE

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Why Solar Shading is so important

Looking at any UK city today it is instantly recognisable by the outline of the iconic buildings - predominantly glass superstructures - which adorn its skyline.

These buildings are aesthetically outstanding - architectural masterpieces - and they are occupied by residents and businesses in far greater numbers than any building style that has gone before.

But the buildings also bring challenges that are themselves becoming a part of 21st century life.

As weather patterns change across the world, the need to design these buildings with consideration of the widest range of environmental impacts is becoming more critical.

With glass being the building material of choice for today's architects and those who bring their visions to life, even when manufactured with the latest low emissivity coatings it will never be as efficient as brick or block when it comes to keeping 'wanted heat' in and 'unwanted heat' out.

Add into the mix that more light and more solar glare penetrate the building's envelope than ever before when the construction is predominantly glass, developers and those who reside in these buildings are impacted in ways they have not experienced previously.

These impacts need to be controlled if the buildings are to be fit for inhabitants to live and work in at all times of day or night, and throughout all seasons. In addition we must not forget that buildings constructed in earlier times where the living and working environment is also so important (hospitals, educational establishments, leisure facilities and other public buildings) also face the same challenges.

The challenges are significant, the question is how do we meet them?

The answer lies in the installation of ultra-efficient Solar Shading

With a heritage that includes over 90 years continuous trading Dearnleys is understandably recognised among the leading solar shading specialists when it comes to the procurement of ultra-modern or more traditional solar shading solutions for commercial applications.

Our chosen business model is to provide an end to end 'one-stop shop' service for our customers



We Consult



We Design



We Quote



We Project Manage



We Manufacture



We Guarantee



We Install

Ours is a highly technical, creative and customer focussed team that is renowned throughout the industry and is committed to delivering the highest quality products supported by outstanding service. We are easy to work with, professional, capable and competent.

Every job we undertake has a dedicated Project Manager allocated to it and all our installers are fully trained and employed directly by us.

“Dearnleys is understandably recognised among the leading group of suppliers for creative, dynamic solar shading solutions”

Let's talk more about the

We have noted that the environmental challenges posed by the construction of glass structures can only be truly addressed by the installation of solar shading, but let's investigate a little further.

The challenges for architects, constructors, building managers and residents are many - they need to be able to control Solar gain; energy consumption and its cost; to retain 'wanted heat' in a structure whilst preventing 'unwanted heat' from getting into the building in the first place; to be able to address acoustic factors; to be able to control the amount of light and solar glare coming into a building at any given point during a day.

Each of these factors impact the comfort of

those living in these buildings and the productive efficiency of those working in them.

Excess heat in a building is often highlighted as the main cause of 'sick building syndrome', and when thinking about the amount of light or glare coming into a building consider this - the building is fixed, but the sun moves constantly, meaning that its position will change throughout the day impacting those in the buildings at different times and in different ways.

Solar Shading, especially when integrated at the design and planning stage of the construction process is the most assured way of addressing all these issues; smart solutions for the modern era,



challenges...

flexible and tailored to the changing environment we live and work in.

It is a part of our mission to help architects appreciate that the materials used in developing solar shading solutions are entirely flexible – we can design systems to integrate fully into their building designs without them having to compromise in any way.

With proper consultation solar shading can equally provide the same positive impacts on existing structures where bespoke retrofitted solutions can be designed and installed to change the performance of already operational buildings to make them super-efficient in changing times.



Recognising that solar shading solutions can be tailored completely to complement the design of the building

Featured Project

Renowned International Cricket Grounds Leeds Carnegie Pavilion and The Point at Old Trafford

Location

Leeds and Manchester

Sector

Leisure

Solar Shading Solutions

Installation of fully framed blackout blinds and fully framed motorised zip blinds

The Leeds Carnegie Pavilion is at the home of Yorkshire County Cricket Club in Leeds and The Point is at the home of Lancashire County Cricket Club in Manchester. Both are renowned Test Match Cricket and World Cup hosting venues where the solar shading solutions need to be dynamic to deal with unique and constantly changing challenges.



How we can help

Dearnleys has experience in a vast range of commercial market sectors. We have undertaken an extensive array of projects covering most application types:

“Dearnleys has experience in a vast array of commercial market sectors”

Project Types



New Build Installations



Retro-fit Installations

Market Sectors



Commercial Buildings



Leisure Sector



Health Sector



Education Sector

Customer Groups



Fit Out Contractors



Contractors



Facilities Managers



Direct Clients

Leadenhall Building

Location

London

Sector

Commercial

Solar Shading Solutions

Installation of Roller Blind system fitted with a flame-retardant room darkening fabric

The Leadenhall Building, or 'Cheese Grater' as it is affectionately known is one of the most iconic buildings on the London skyline. Our challenge was to install fully controllable solar shading which would be effective as the position of the sun moved through the day. We also needed to take account of the sloping glass façade which is one of the most recognisable features of the building.



St James Hospital Leeds



Location

Leeds

Sector

Health

Solar Shading Solutions

Installation of Roller Blind system fitted with a flame- retardant room darkening fabric and Cubicle track system internally

St James Hospital Leeds is the largest oncology unit in Europe at over 66,000 square metres of floor space. We installed over 2,500 linear metres of Cubicle tracking and blinds to the external façade. In addition, we also installed a range of products to provide solutions for privacy on the wards.

Pinderfields Hospital

Location

Wakefield

Sector

Health

Solar Shading Solutions

Installation of Vertical Blinds to Windows and Cubicle Track system internally

Pinderfields Hospital is a £330 million PFI funded hospital. We were involved from the design planning stage and tasked with advising on the best solar shading solution for a range of challenges across the 88,000 sq metres of floorspace within the building



Royal Holloway University



Location

London

Sector

Education

Solar Shading Solutions

Fully automated tension roof blind system

Construction of new library and student services centre with a desire to provide a comfortable open learning and study area, supported by appropriate and bespoke solar shading solutions.

Teesside University

Location

Middlesbrough

Sector

Education

Solar Shading Solutions

Installation of fully tensioned electrical roller blinds with radio remote control

The large glazed atria 13m above the ground in the University's main building was allowing too much light into the building, affecting the classrooms and open spaces directly below it. It was a new installation which did not have solar shading designed into it as a part of the original specification.





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For immediate attention
for your commercial
solar shading needs
please call our Sales
Team on **01924 371 791** or
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