

The image shows a modern interior space with a ceiling composed of horizontal slats. Several recessed lights are embedded in the ceiling, creating a starburst effect. A large, curved white structural element is visible in the center. In the background, a glass wall reflects the exterior, where a red sign with the word "Westfield" is visible. The overall aesthetic is clean and architectural.

solar management

Westfield, Stratford City

Product Description

Controlling the amount of heat and light entering a building can offer energy savings; reducing the need for heating or air conditioning, and helping to maintain a more even temperature, or the amount of light entering a space. Several different forms of solar management solutions are available from SAS International. These include solar shading (sunscreens) and daylight reflectors.

Daylight reflectors reflect natural daylight directly or indirectly into large open areas and reflect glare. They are important for controlling both the amount of light and glare. They can also enable the maximum use of daylight or create effects with artificial lighting.

Sunscreens are an attractive and practical solution to controlling solar gain through a glazed roof or facade. They can assist in the prevention of overheating in conjunction with other cooling solutions.

Features

Daylight reflectors can be visually stunning and integrated into the ceiling, often used in large atria, shopping malls and airports, they can introduce an additional design element as well as offering a practical solution.

Daylight reflectors and sunscreens can also be used as service gantries, hiding unsightly cables, house luminaires and other services such as smoke detectors, sprinklers or CCTV.

Shapes and Sizes

Sunscreens can be perforated with open areas of up to 50% and manufactured in various shapes and forms including curved panels and generally are manufactured in the form of perforated panels to glazed atria. They provide an attractive finish to any atrium whilst providing a durable hard wearing product.

Both sunscreens and daylight reflectors can also take unique shapes and forms to co-ordinate with a design theme or make a design statement in their own right.

Finish

Polyester powder coated, supplied as standard with a RAL 9010 smooth finish. A fine textured finish (SAS FT), anti-bacterial coating (SAS AB), anti-graffiti coating (SAS AG) and other colours are available. See page 25 for a range of other paint finish options.

