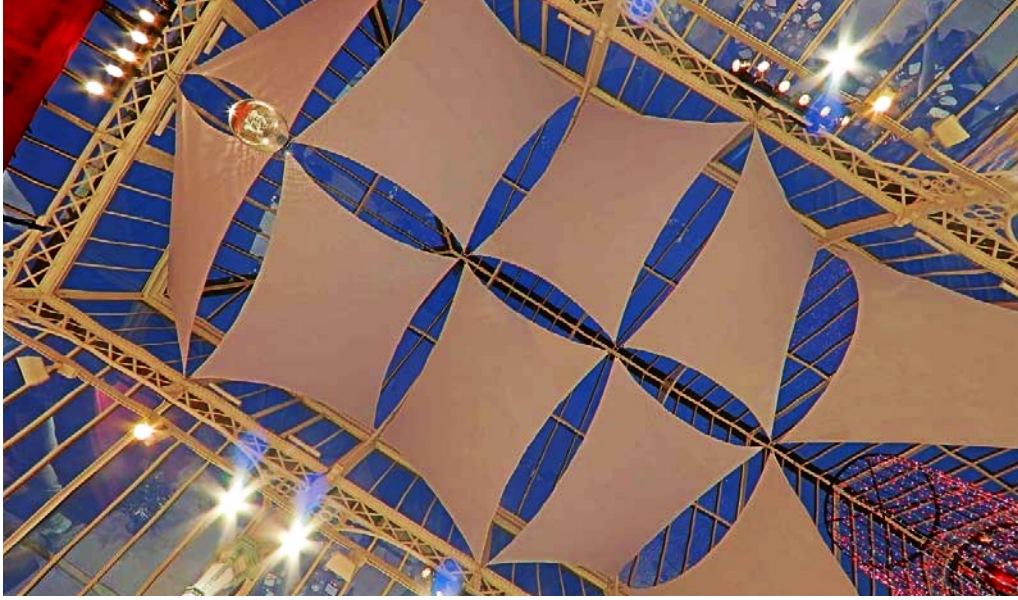
in shade®

Exceptional solar performance

Solar Control

InShade sails are the modern and efficient way to control heat gain and glare in any glazed space.
Our sails are both versatile and effective, whilst their simple design compliments the style and dimensions of almost any space. InShade now makes it easier to create the solution you want, providing the solar control you need while maintaining a light filled space with an open view.

InShade sails are designed and manufactured in the UK, using solar control fabrics developed specifically for this application. These fabrics have a dense fabric structure that blocks the harsh power of the sun, with most of the suns energy reflected as heat. However, around 25% of the light is refracted through the layers of fibres that constitute the fabric. These fibres diffuse and filter this sunlight, bathing the space below in cool diffuse light.



Solar performance of IS100 fabric compared to solar control glass

	gtot*	Heat Reflection	Light Transmission	Glare Reduction
Pilkington Suncool 60/31	0.32	32%	59%	-
White	0.32	72%	21%	100%
Duplex Sand	0.34	71%	20%	100%
Duplex Ocean	0.34	68%	8%	100%

*Total energy transmission (gtot) values calculated using EN 13363-1 – fabric values are with the sail on the inside of plain glass.

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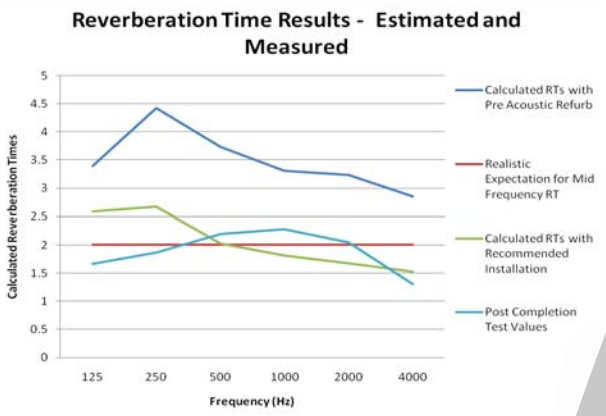
Acoustic Enhancement

Hard sound reflective surfaces like glass, concrete and wood cause speech sounds to overlap each other, resulting in muddy, unintelligible sound. The low tension levels in stretch fabric sails can be used to reduce the sound reflected off of hard surfaces, softening the space and preventing echo.

Case study by Meeting Space:

The Problem - A large atrium space was formed by closing two wings of a building. The space was used for social events, exhibitions, and presentations to large audiences. As well as large areas of hard surface the acoustic issues were exacerbated by a pitched glass roof which tended to focus the sound towards the centre of the room. In addition to the poor acoustics this glazed roof caused excessive heat gain and glare.

"Installed in 2007 the sails create a fresh contemporary look and reduce noise levels when we are busy. Best of all they are so easy to wash the sails still look like new 8 years later ".
Greg MacKenzie, Restaurant Manager, River House Restaurant.



The Solution - The solution was stretch fabric acoustic wall panelling and stretch fabric ceiling sails. To target low and mid frequencies the face of the stretch fabric panels were positioned off the wall and backed with acoustic foam and a 60mm air gap. High level fabric 'sails' were installed to overcome the glare and excessive heating problems, these sails also act as membrane (panel) absorbers reducing resonance by low frequency noise. Post completion test values (above) show reverberation times were better than calculated and the client expressed complete satisfaction with the results achieved.

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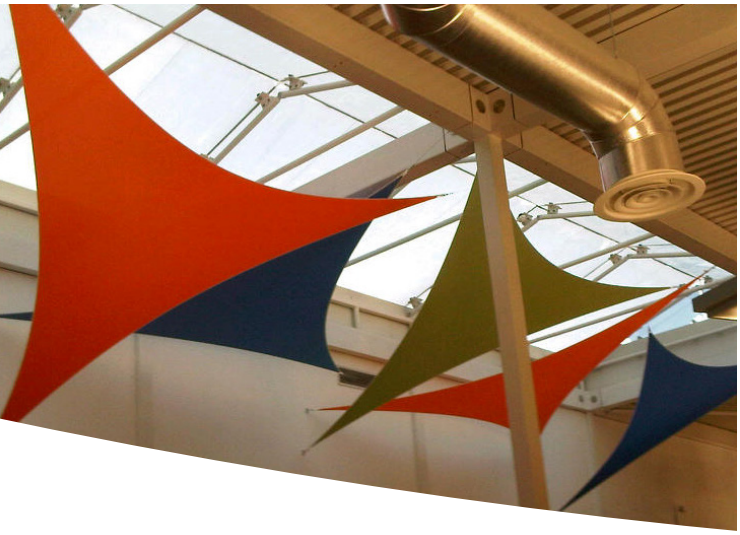
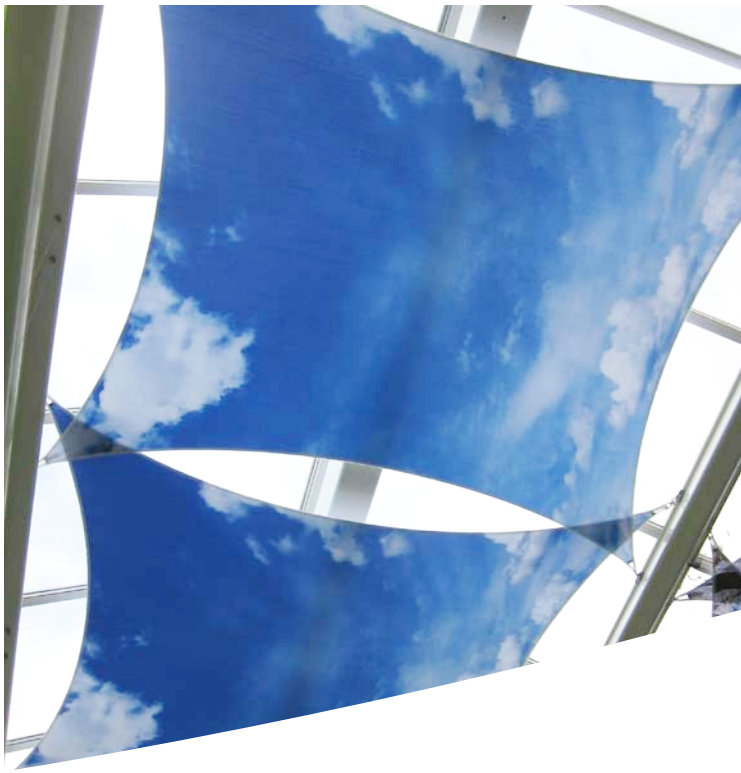
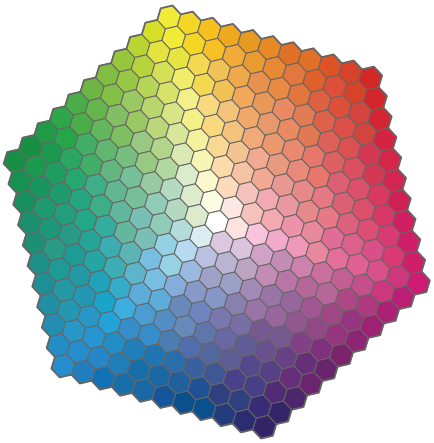


Fully Bespoke

InShade as a concept is incredibly simple but the options are almost limitless and the results are always stunning. Your solution will be tailored to your space and developed specifically to meet your requirements. Our designers will work closely with you to realise your vision; with our passion to create beautiful solutions, experience in tackling challenging problems, and advanced software to create complex forms this process is often quicker and easier than you imagine. We believe beautiful designs can be created for even the most demanding of spaces and we guarantee to add some wow factor to every project!





Colour Match - Available for all of our fabrics, short runs can be produced in any Pantone or RAL colour so that you can always get exactly the colour you want.

Duplex - When heat gain is a big issue but you still want great colour our Duplex colour fabric is the perfect choice – the duel sided fabric means compromising is not required.

Colour Wash - White sails can be front or back lit – instantly change the mood or create quickly changing dynamic forms and images.

Printing – For branding, images or artwork – high definition printing can add punch, glamour and sophistication.

Contact your local supplier today:

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www.shadeplus.co.uk