

# Energy services company protects sustainable asset with energy efficiency window film

Description: **Commercial Building**

Film: **Silver 35 Xtra**

Size of job: **~1000m<sup>2</sup>**

Installer: **Lustalux Ltd, Preston, Lancashire**



## Project Task

Centrica headquarters at Windsor recently installed a BioWall, a sustainable living wall of plants, designed to improve air quality and showcase the company's commitment to sustainability. However, the direct sunlight through the building's vast expanses of glass threatened to harm the plants, and ruin the project.

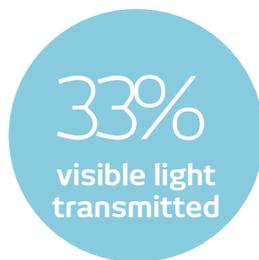
## Solution

Filtering the intensity of the sun's heat and glare with window film was a practical solution, and the company consulted with installation specialist Lustalux to recommend the ideal film. Lustalux understood that ambient light needed to remain bright, whilst direct heat and glare needed to be reduced. They recommended using Hanita's Silver 35 Xtra exterior film, which offered the best combination of visible light transmittance and effective solar heat reduction. After a trial installation, the customers saw that the film caused only a minimal impact on light levels, but a noticeable reduction of direct glare and heat.

## Outcome

The exterior installation was completed over the weekend, ensuring no disruption to day to day business.

A spokesperson from Centrica said of the project: "The workforce of British Gas have been inspired by the living wall. Many of the staff members bring in clients to showcase the sustainable aspects of the building so it was absolutely imperative that we protected its health from the sun's heat." But not only the BioWall benefitted from the reduction in heat and glare. Staff were quick to comment on the improved conditions in the whole atrium area, whilst company engineers were impressed by the incidental reduction in air conditioning costs. The BioWall indeed proved to be a sustainable investment in more ways than one.



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