

The background of the entire page is a photograph of a sunroom or conservatory. The room has large glass windows and a glass roof, offering a view of a lush garden with green trees and a red-leafed bush. Inside the room, there is a beige sofa, a wooden coffee table, and several wooden chairs with cushions. A patterned rug is on the floor.

SOLARSHIELD PRESTIGE SOLAR WINDOW FILM

Project by **SOLARSHIELD**

PROJECT LOCATION: UK

CLIENT NAME: The Seren Collection

CASE STUDY OVERVIEW



PROJECT SCOPE



Hidden in the rolling Narberth hills, surrounded by meadows, woodland and mature gardens lays the Grove 5star Hotel complex.

With a range of accommodation including three newly added fully glazed rooms to the cottage accommodation.

Whilst this helped bring the outside in, unfortunately the Sun caused these spaces to overheat and the glare was quite uncomfortable for guests and as a 5star standard as always is desired, then a solution was needed to reduce the solar heat.



CASE STUDY OVERVIEW



PRODUCT SPECIFIED & INSTALLED

To find a solution the hotel contacted Solarshield limited.

Solarshield have been a member of the GGF since 1994 and have a reputation for excellence in specification and installation of window films.

Once the glass specification had been ascertained, a solution was proposed to reduce these problems on the three rooms.

This was an externally installed non-metalized window film designed to reduce the excess solar heat gain and glare, whilst allowing the wonderful view out through the glazing.



DATASHEETS

- [3M-Prestige-window-film-brochure-by-Solarshield](#)
- [3M-Sun-Control-Window-Film-Prestige-40-Exterior-by-Solarshield](#)
- [3M-Sun-Control-Window-Film-Prestige-70-Exterior-by-Solarshield](#)

SERVICES PROVIDED

SURVEY

Solarshield completed the site survey to ascertain the glazing specification, which is important to ensure the correct product is specified, then the ideal solution for the client can be selected.

It is also important to see the structure so the access to the glazing can be calculated, allowing everything to run smoothly and safely.

SUPPLY

Solarshield arranged for the 3M Prestige PR70 exterior to be installed to the vertical glazing and 3M Prestige PR40 exterior installed to the roof glazing. This film is not only non-metalized but available in wider widths, to reduce any joints that may have been needed for these large glazed panels.

INSTALLATION

Installation in a live hotel is always sensitive, however the Solarshield installation team worked to install the solar control window film to an extremely high standard, without any disruption to the guests in the hotel. Even with the British climate doing it's best to impede the installation.

OTHER

The objective was achieved and even on the hottest days, the glass rooms in the cottages are far more comfortable for the guests now.

The Hotel Manager Louise confirmed "The solar film made a great difference to the glass rooms, we cannot thank you enough for finding the right solution for us."

**SOLUTION
& FINAL
OUTCOME**



Solarshield specified the 3M Prestige PR70 exterior to the vertical glazing to reduce the solar heat gain whilst having a minimal effect on aesthetics, plus the slightly darker 3M Prestige PR40 exterior to the roof glazing, to not only reduce the solar heat gain, but also reduce the uncomfortable glare.

These films also reduce the harmful UV transmitted by 99.9%, so also protecting the occupants, furniture and furnishings from the Sun's harmful rays, in all three rooms.

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- For datasheets, any further questions or other examples please contact GGF Members: **Solarshield** at martin@solarshield.co.uk