

# Maximum protection with minimal visual change

## 3M™ Sun Control Window Film Prestige Series

Residential Location – Pymble, NSW, Australia

### ► Background

Pymble resident Chris Barclay initially researched domestic window film as he was concerned with the amount of UV rays coming through his windows and the fading effect this was having on his possessions. He also wanted to make his sunroom a more comfortable environment.

The Barclay family make great use of the sunroom at the back of the house for rest and well-earned family time. The windows have great views of the great outdoors; however, with such a large amount of glass comes several drawbacks, including glare and an increase in temperature.

Chris was concerned with addressing these issues, but he was adamant that he didn't want to radically change the appearance of his house.

*"I wanted to protect my home and furniture from the fading effect of UV rays, but I also didn't want the house to feel dark. That's what drew me to 3M Window Films, they had a great choice of films, and I found one that helped protect my furniture with minimal impact to the appearance of my windows."*

*– Chris Barclay  
Pymble Resident  
Australia*



## ► Situation

High on the Barclay family shopping list was a window film solution that delivered comfort and helped protect the furniture from fading. The family had already invested in double glazed window units to help with thermal comfort, but this doesn't stop the bulk of Summer Solar Energy from entering.

## ► 3M Solution

The Barclay's turned to a 3M™ Select Window Film installer to help solve their concerns. The installer was able to confidently recommend the 3M™ Sun Control Window Film Prestige Series and showed the Barclay's the different films available in the series.

The 3M™ Prestige Series Film use non-metallised, multi-layer optical film designed to achieve a combination of advantages other films simply cannot match.

 Little visible change to the appearance of the house

 Protects furnishings from fading

 Great heat rejection from a basically clear film

 Reduces glare

Fading is primarily caused by UV rays, visible light and solar heat, 3M™ Sun Control Window Film Prestige PR 70 rejects up to 97% of the sun's infrared light\*, blocks up to 99.9% of damaging UV rays, and rejects up to 60% of Solar Heat, making it the ideal film for the Barclay's sunroom.

As it was important not to change the appearance of the windows, 3M™ Sun Control Window Film Prestige PR 70 allows 70% of the natural light into the Barclay's home whilst being virtually clear, so it has little or no impact on the view.

As an added bonus, 3M™ Sun Control Window Film Prestige PR 70 will also cut glare by about 22%.



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\* 3M™ Prestige Series Window Films block energy across the entire IR range. The rejection value is based on performance in the 900-1000 nanometers (nm) range.

Superior Performance through 3M Science.

Let the light in. Not the UV rays.



*"I'm so impressed with 3M Window Films that I plan to get more windows tinted."*

## ► Results

The window film performed beyond expectations. It blocked UV light (up to 99.9%) and reduced the amount of visible light and solar heat entering the room. This helped protect the furniture from fading, improving comfortability and reduced glare in the room.

Most importantly, 3M™ Sun Control Window Film Prestige PR 70 had nearly no impact on the visible appearance of the house and created a much more comfortable space for the family to spend time together.

### Case Study Summary

**Challenge:** Protecting furnishings from fading, improving comfort levels in summer and reducing glare without changing the appearance of the house.

**Product Selection:** 3M™ Sun Control Window Film Prestige PR 70.

**Benefits:** Protection of furnishings from fading, increasing heat and glare rejection with minimal change in appearance.

To learn more, contact your  
3M Authorised Installer.

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