

3M Science.
Applied to Life.™

Enhanced comfort with improved energy efficiency.

“The installation was carried out meticulously with great care. We were around to observe the whole time and I am very happy with the installation experience as a whole. We now feel well equipped to deal with the summer heat in 2023.”

Krishna - residential property owner

3M™ Prestige 70 Exterior

TintFX Glass Film Solutions

Randwick - Sydney's Eastern Suburbs

► Background

3M's Platinum Select installer TintFX, is a leading supplier and installer of 3M window film products, based in Sydney. The main objectives of this window tinting installation, was to successfully manage glare and heat control. Enhancing insulation through this application was also a major requirement.

Whilst the glazed front of the residence, delivered a bright and airy living space, it also did create lots of glare and raising the internal temperature of their property, particularly their living room.

With an internal Low E Glass coating, an exterior solar control film was needed to maintain the insulation properties. TintFX specified the use of the renowned 3M™ Prestige 70 Exterior, which offers these benefits, whilst leaving the window appearance virtually unchanged.



► Situation

The glass panels of this residence had a pre-existing Low E Glass coating applied and because of this the 3M™ Prestige 70 Exterior was chosen. When 3M™ Prestige 70 Exterior is installed externally, the solar control film has even higher heat rejection properties. It does not negate the Low E performance of the glass, as would any other application to the internal face of the glass. Ultimately offering the highest quality product with efficient results.

This installation also came with various challenges, with difficult access requirements and permission needed from a local school. A motorised boom lift that could extend to 60 feet or 20 metres was required for the fitting of the 3M™ Prestige 70 Exterior.

► 3M Solution

TintFX was able to confidently recommend the use of 3M™ Prestige 70 Exterior for this installation, especially since the key considerations were comfort and safety.

The film is developed using non-metallised, multi-layer optical film and nanotechnology. It is designed to reflect in the near-infrared range where the sun intensity is the highest. Therefore it keeps interiors cooler and at a comfortable temperature.

What sets 3M™ Prestige 70 Exterior apart is the precision with which light waves are controlled as they pass through or reflect off hundreds of layers of film. Compared to other films, it increases performance at a faster rate as the sun's angle increases. Meaning more protection and comfort when you need it the most.

Films with low interior and exterior reflectivity enhance views while maintaining the exterior appearance of the glass. Prestige Series Films have highly visible light transmissions, providing excellent aesthetics. Offering the same visual clarity, inside and out.

Being non-metallised, 3M™ Prestige 70 Exterior also isn't susceptible to corrosion in humid environments and it doesn't interfere with electronic device signals.

► Results

With the fantastic solution in which the 3M™ Prestige 70 Exterior offered, the installation was carried out flawlessly with an effective outcome.

3M™ Prestige 70 Exterior successfully controls the heat passing through the high easterly facing glass windows in the living room. The film has helped reduce the heat coming through the windows as well as helped reduce the workload of the air-conditioners saving energy costs.

Superior Performance through 3M Science.



“Our experience with TintFX was exceptional. We will definitely be recommending TintFX together with Aaron McCarthy and his very capable team in future.”

Krishna - residential property owner

The application of the film has consequently created an environmentally friendly place to live in, with the residents well equipped to deal with extreme temperature changes and feel comfortable in their home all year long.

TintFX completed the work to the exacting standards of the customers brief. Showcasing what numerous benefits 3M™ Prestige 70 Exterior can offer to residential properties.

IMPORTANT NOTICE.

The results and outcomes of case studies or testimonials should not be interpreted as a guarantee or warranty of similar results. You are responsible for evaluating the product and determining whether it is suitable for your application. Please refer to 3M published specifications for product and warranty information.