

Bringing a mix of solutions into one home.

“We really wanted to protect our newly refinished wood floors, rugs and other furnishings from sun damage.”

— Melissa, Homeowner

3M™ Sun Control Window Film Prestige Series, 3M™ Scotchshield™ Safety & Security Window Film Ultra Series, 3M™ Impact Protection Profile Attachment System, and 3M™ Fasara™ Decorative Film

Private Residence — Hudson, Wisconsin

► Project Scope

Natural light photographer and Hudson, Wisconsin resident Melissa has a keen appreciation for design and beauty. So when she and her husband purchased a 130-year-old Italianate home in 2013, they didn't like the idea of covering the antique glass windows and doors with heavy drapes or shades. In search of alternatives, their online research led to the 3M website, where they learned about window film. After contacting 3M, the homeowners met with a local 3M Authorized Window Film Dealer, who quickly determined that the job required a multi-solution approach.



► Situation

In addition to maintaining architectural design elements, the family had other concerns including a large glass door in the back of the home and a bathroom door with frosted glass that did not provide adequate privacy.

“It would have been easy for someone to break the glass and reach in to grab the handle,” Melissa said. “We live in a private setting, so security was definitely a concern. We also wanted protection in case one of our young kids would accidentally walk into it or put a hand through it.”

► Solution

The dealer used 3M™ Scotchshield™ Safety & Security Window Film Ultra S600 and 3M™ Impact Protection Profile Attachment System on the back door. This film is made of layers of tear-resistant polyester that help hold the glass together in case of breakage, making it difficult for any to pass through the broken door or window. The attachment system is designed to hold the broken glass in the frame, helping to keep unwanted individuals from entering. The film also helps block ultraviolet rays.

“In the bathroom, we were really pleased with the dealer’s solution,” Melissa said. “He installed the 3M™ Fasara™ Decorative Film that nicely matched the frosting we already had in place. In addition to giving us plenty of privacy, it looks beautiful. In fact, our guests comment on it all of the time and even take pictures of it.”

► Result

Passing it along.

The family couldn’t be happier with the results.

“When you have a historic home, it’s really important to maintain the original look and beauty, and 3M™ Window Film helped us do exactly that.” Melissa said.

Superior performance through 3M Science.

3M™ Prestige Series Films use non-metallized, multilayer optical film and nanotechnology to achieve what other films simply can’t:

- **Enhanced comfort and protection** — The spectrally selective films reject up to 97%* of the sun’s heat-producing infrared light, helping keep interiors cooler, reducing the load on cooling systems and saving energy. By blocking 99.9% of UV rays, the films help protect furnishings from the harmful effects of the sun. And according to the Skin Cancer Foundation, window film is one of several recommended safeguards against UV damage.
- **Unsurpassed capabilities** — What sets Prestige Series Films apart is the precision with which light waves are controlled as they pass through or reflect off of hundreds of layers of film. Compared to other films, the Prestige Series Films increase their performance at a faster rate as the sun’s angle increases. That means greater protection and comfort when you need it the most. When the sun is working its hardest, so is 3M’s Prestige Series.
- **Enhanced views and aesthetics** — Films that reject heat tend to have high reflectivity. Not with Prestige Series Films. These films are optically clear and can offer reflectivity that’s in some cases lower than glass. That means the same visual clarity, inside and out.
- **No corrosion. No signal interference.** Being non-metallic, Prestige Series Films aren’t susceptible to corrosion in coastal environments. They also don’t interfere with electronic device signals.

“We feel like we got the right solution for every challenge we were facing with our windows and doors.”

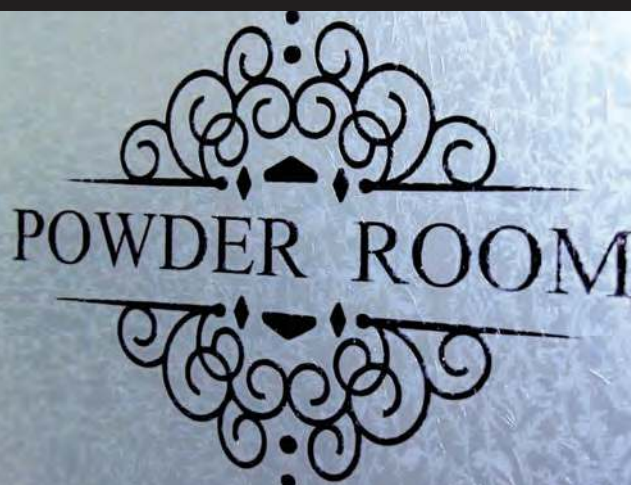
— Melissa, Homeowner

Case Study Summary

Challenge: A 130-year-old Italianate home with several glass window and door challenges to address.

Product Selection: 3M™ Sun Control Window Film Prestige PR 50, 3M™ Safety & Security Window Film Ultra S600 and 3M™ Impact Protection Profile Attachment System, and 3M™ Fasara™ Decorative Film.

Benefits: Improved protection for furnishings from ultraviolet rays, security and privacy.



*3M Prestige Series Films block energy across the entire IR range. The 97% rejection value is based on performance in the 900-1000 nanometers (nm) range.



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