

In Pittsburgh, a Treasured Victorian Mansion Is Protected With 3M™ Window Film.



PROBLEM

Pittsburgh's Clayton Mansion, built in 1860, is a gem of Victorian architecture. Its priceless antiques, art, hand-painted wallpaper, and rare fabrics required protection from the damaging effects of the sun to retain their original splendor and ensure preservation. When a \$6 million renovation was undertaken for the first two floors of the mansion in 1990, the building's curator wanted to be sure that a priority was protecting the furnishings and decor.

SOLUTION

Jeff Dugan, of Pittsburgh Window Film, an authorized 3M window film dealer, surveyed the situation and recommended that all of the windows on the first two floors be covered with window film. The curator chose Neutral 50 window film, because it provides a significant degree of protection without any noticeable change in the appearance of the glass.

Four of Pittsburgh Window Film's installers worked on the mansion for four days, taking special care to protect the finishes on the fragile woodwork and furnishings inside. In addition, Dugan says the curved windows on the corner of the mansion required patience and extra attention to detail. "We were impressed with the performance of the 3M adhesive," he says, "because it enabled the film to adhere tightly to the glass, with no distortion."

RESULTS

Eight years after the installation, the mansion and its furnishings are still well protected from the elements, and

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CASE HISTORY

no furnishings have been lost to fading or sun damage. In addition, because most Pittsburgh interior designers have toured Clayton, the project has helped validate the use of window film in design.

"The designers can't believe that there is really window film on Clayton, because you can't tell the difference between the windows with film on the first and second floors and the windows without film on the third floor," Dugan says. "They are starting to say, 'If they can do it on Clayton, they can do it anywhere.'"

THE 3M DIFFERENCE

Because of the cost of the project and the value of the items being protected, only 3M window film was considered for the project, according to Dugan: "Both 3M and Pittsburgh Window Film have an excellent reputation in the community, and in this business that level of trust is essential."

PROJECT SUMMARY

3M Dealer: Jeff Dugan,
Pittsburgh Window Film

Installation Date: 1990

Area Covered: 2,100 square feet

Installation Time: 4 days

Type of Film: Neutral 50 window film
Remedies Tried Prior to Window Film Application: Prior to installation, only draperies were used to protect the furnishings.

Project Notes: Because of the curved windows in the corner of the mansion, installers had to take special care to ensure the film adhered tightly to the glass.

3M Innovation