

Energy Saving Window Films: Success Stories

Millbank Tower, London, England



Installation Summary

Problem:

Excessive heat and glare
Unattractive building appearance

Solution:

Solar Gard 4 Mil Stainless Steel 30

Amount of film:

120,000 sq. ft.
11,160 sq. meters

Benefits:

Improves exterior building appearance
Significantly reduces heat, glare and energy costs
Provides shatter protection
Reduces fade damage

“The installation of Solar Gard Solar Safety film has been a crucial element in improving the appearance of the building and has the practical advantage of improving the climate inside as well. So aside from reducing energy costs, Solar Gard has become an attractive addition to the London skyline!”

Tony Ryan, associate property manager

Solar Gard® safety film becomes part of the London skyline

When London's landmark Millbank Tower was ready for a makeover, owning developer Tishman Speyer Properties pulled out all the stops. Built in 1962, the tower was in need of comprehensive interior and exterior refurbishment. At the end of the \$28 million renovation, the final step was to eliminate the excessive heat and glare that the tenants had

to endure. Being a Grade II listed building, any proposed remedy had to meet stringent aesthetic and technical criteria.

Solar Gard 4 Mil Stainless Steel 30 solar safety window film was the perfect solution to the tenants' problem. Approximately 120,000 square feet (11,180 square meters) of the attractive, soft neutral grey film was retrofitted to the windows of the 387-foot

high (36 meters), 34-story building, which has long been a prominent feature of the London skyline.

The simple installation of the Solar Gard film dramatically improved the aesthetics of the building by giving the glass a beautiful, uniform appearance, while providing a number of other benefits as well. The film filters almost 100 percent of damaging ultraviolet light and rejects 54 percent of total

solar energy. This drastically reduces premature fading of furnishings, annoying glare and uncomfortable heat, and significantly heightens energy efficiency in the climate control system. Additionally, it provides shatter protection against extreme weather, an explosion or accidental glass breakage while maintaining high levels of natural light to preserve the striking scenic views over London and the Thames River.

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