

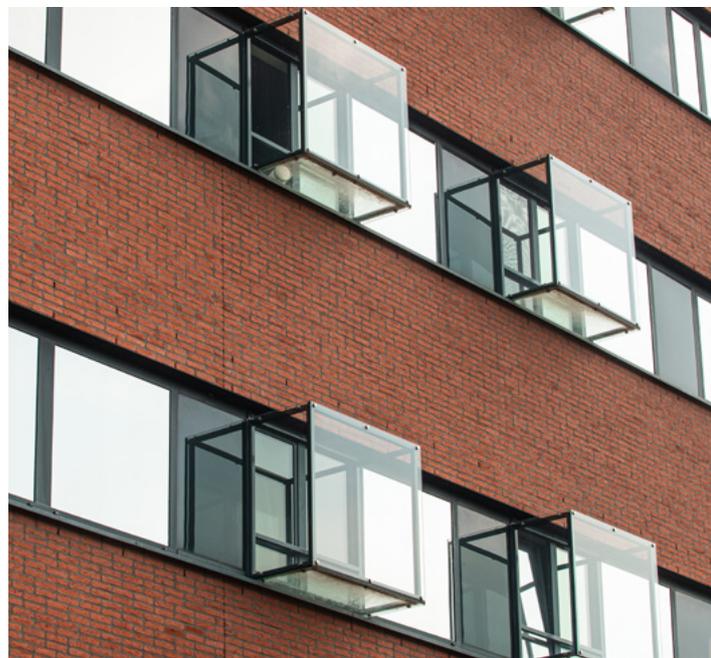
Solar Window Film Reflective Silver 20X applied at Kroonpark Buildings, Arnhem

Reducing heat and
improving comfort with solar
control window films.



The challenge

Large glass façades create bright and open interiors - but they can also lead to excessive heat build-up and uncomfortable glare, especially in summer. At the Kroonpark apartment complex, in Arnhem, facility managers were looking for a way to increase comfort for residents and reduce energy use without altering the building's modern glass exterior. The goal was to improve indoor temperature stability and energy efficiency while maintaining a sleek, professional appearance.



The solution

To meet these challenges, Robbert Vliet, the owner of the Dry Coating Company applied Avery Dennison's Solar Window Film Reflective Silver 20X. This high-performance film rejects a significant portion of solar energy, reducing heat gain through the glazing and helping maintain consistent indoor temperatures. Its reflective finish also enhances daytime privacy, limiting visibility from the outside while preserving light and openness inside. The installation was carried out on-site using pre-cut films, ensuring a precise fit and a clean, uniform look across the façade.



„We are really happy with the result. You notice it immediately when you enter the building – it's a few degrees cooler, and the residents are very satisfied. Besides keeping the heat out, it also works really well for privacy.”

Bas Bel
Technical Manager at Holland2Stay



The results

The Reflective Silver 20X film provided immediate benefits for both energy performance and occupant comfort. Residents noticed a drop in indoor temperature and improved glare reduction, creating a more pleasant living environment. Building managers also reported reduced demand on air conditioning systems, contributing to energy savings and a smaller carbon footprint. The film's mirrored finish gave the building a sleek, modern appearance—while enhancing privacy and protecting interiors from harmful UV rays that cause fading and sun damage.

Product used

Reflective Silver 20X:
Exterior Solar Control Window Film

Key features

- High solar energy rejection: Reduces heat build-up and improves indoor comfort
- Enhanced privacy: Reflective finish ensures daytime privacy without blocking natural light
- Energy efficiency: Cuts cooling energy consumption and lowers carbon footprint
- UV protection: Blocks over 99% of harmful UV radiation
- Modern aesthetics: Provides a clean, professional look for any glass façade

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