

XTRM PRO Solar Window Film at Avery Dennison Distribution Center, Cadorago, Italy

Enhancing sustainability and comfort
through solar control technology

The challenge

At Avery Dennison's Distribution Center in Cadorago, Italy, the team faced a recurring challenge during the summer months: **excessive heat in office spaces**. Large glass surfaces exposed to direct sunlight led to rising indoor temperatures, forcing heavy reliance on air conditioning systems. As air conditioning is one of the site's main contributors to energy consumption, this resulted in **increased energy costs** and **carbon footprint**. The site was looking for a sustainable, non-intrusive solution to improve thermal comfort, reduce energy usage, and enhance the building's modern appearance.



The solution

To address these challenges, the site implemented Avery Dennison XTRM PRO Solar Window Film, an advanced exterior-grade architectural film designed for long-term solar protection. This high-performance film significantly reduces heat gain and glare, helping to stabilize indoor temperatures and lessen the load on air conditioning systems. Its neutral, sleek appearance also modernizes the building façade while maintaining consistent visibility from the inside.

„Air conditioning is one of the biggest contributors to our site's energy consumption. By applying solar window film, we can reduce overheating and our reliance on air conditioning systems, creating a more comfortable and sustainable workspace.”

Igor Babic, Distribution Center Manager
Cadorago, Italy



Product used

XTRM PRO Solar Window Film

Key features

- High solar energy rejection: Reduces heat build-up and improves indoor comfort
- Energy efficiency: Cuts cooling costs and lowers carbon emissions
- UV protection: Blocks over 99% of harmful UV radiation
- Modern aesthetics: Enhances façade with a uniform, professional look
- Long-term durability: Engineered for exterior use with up to 15 years of performance

The results

The project delivered immediate and visible improvements across the facility. Employees noticed that indoor temperatures remained more stable and comfortable, even during periods of intense summer heat. The reduced need for air conditioning directly translated into lower energy consumption and operating costs, while also helping the site decrease its overall carbon footprint. Beyond the functional benefits, the film gave the building a refreshed, contemporary look. With its proven 15-year durability, the XTRM PRO Solar Window Film has become a long-term solution supporting both comfort and environmental goals at the Cadorago Distribution Center.

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