

VISTA
WINDOW FILM



Vista™ by LLumar® Atmosphere™ Exterior Series Window Film

Innovative construction for expanded window film applications.



Vista™ by LLumar® Atmosphere™ exterior series window films help improve glass performance

Ideal for spandrel glass applications and areas without interior access.

Solar control

Modern glazing systems are key to building performance. But even buildings with modern glazing systems can overheat from solar heat. Air conditioning systems may not be sufficient to ensure a comfortable environment or may require high energy consumption and costs. The innovative Atmosphere solar control window film series is designed as a retrofit solution for commercial and residential applications. Atmosphere helps protect from damaging UV rays, reject heat and reduce glare. Its application is also ideal when a fresh, consistent look is desired. Atmosphere can be a higher performance option than interior installations because it intercepts the sun's heat before it enters the building.

Safety & security

Building safety and security are top of mind for property owners and managers. Older buildings may have glass that is not up to current code. Replacing glass is a huge investment. Atmosphere Safety and Security window film helps hold broken glass together and may enable glass to pass Safety Glazing Testing Standards as it protects against severe weather, injury and property loss.

THE KILN APARTMENTS | Portland, Oregon

The Kiln Apartments merged advanced energy modeling with common sense building techniques to provide elegantly simple, energy-efficient living in one of the nation's first mixed-use Passive House properties. Located in North Portland, Oregon, the five-story, 19-unit building is progressive, using only a fraction of the energy of most multi-unit buildings. In fact, it's one of the first of its kind in the United States.

After tenants moved in, the architects learned that the building warmed quicker than anticipated and retained heat throughout the year. To remedy the situation, architects found that installing TXA80 Atmosphere exterior window film was the most cost-effective solution.

Data loggers showed temperature differences on the inside of the windows up to 12° F cooler where Atmosphere was installed compared to windows without the film. After the installation, residents in the building confirmed the exterior film made a significant impact on the indoor air temperature during the warmer months.

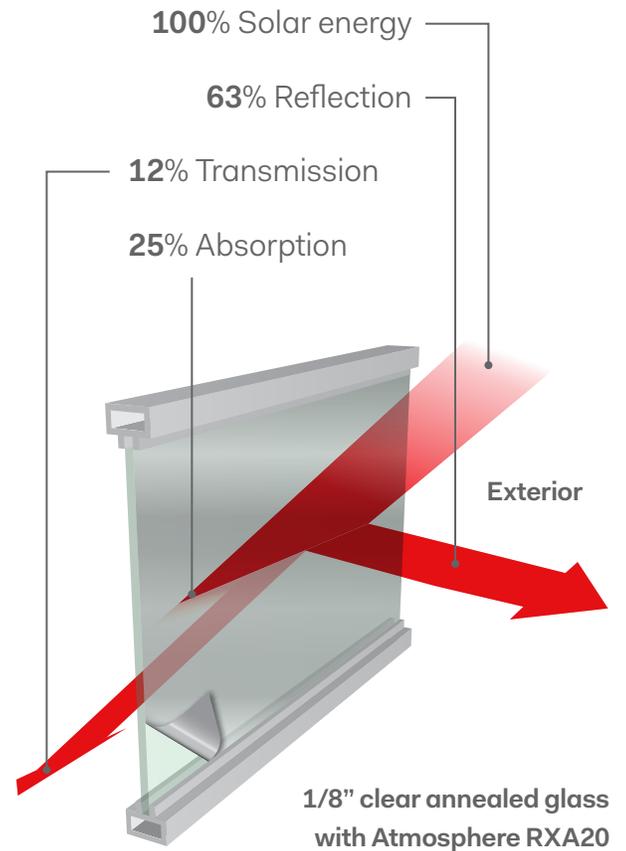


Optimize performance and extend the lifetime of existing glazing systems

VISTA®
WINDOW FILM



- + **Energy savings** - Helps reduce cooling energy consumption in warmer months
- + **Comfort** - Improves occupant comfort with temperature control, which helps maintain productivity in warmer months
- + **Glare reduction** - Excellent glare reduction makes screens easier to see
- + **UV protection** - Helps reduce fading of furnishings, flooring and in-store merchandise by blocking harmful UV rays*
- + **Safety & security** - Virtually invisible, safety film helps protect against injury and loss of property from smash and grab thieves, heavy storms or other potentially dangerous situations
- + **Compatibility** - Compatible with spandrel glass, most existing low-e glass and tinted windows and is ideal for most single, double and triple-pane glazing systems
- + **Innovative construction** - Color stable with a polymeric scratch-resistant coating that repels water and oil for a clean exterior appearance
- + **Durability** - Outstanding durability (shown by an internal 3,000 hours accelerated weathering test) that leads the industry and is proven with extensive testing
- + **Aesthetics**
A design upgrade that helps create a cohesive building appearance
- + **Warranty**
Five to seven year manufacturer's limited warranty, plus a five year glass breakage and three year seal failure warranty**



*Films do not eliminate fading - they reduce it. UV rays and heat are contributing factors to fading, but other factors exist. For further information, see LLumar.com/download-library.



Choose a LLumar SelectPro dealer for exceptional service

The LLumar® SelectPro™ dealer network delivers an outstanding buying experience from film selection through professional installation for customers who demand only the finest for their vehicles, homes and commercial properties. LLumar SelectPro dealers offer discerning customers the exclusive Vista™ and FormulaOne® by LLumar® product lines along with the complete line of LLumar window film and paint protection film. Proudly made by an Eastman Chemical Company business, LLumar products are backed by a manufacturer's limited warranty.**

Corporate overview

Eastman is proud to have two of the largest and most integrated window and performance-coated film manufacturing sites in the world. With more than 60 years of experience in film production and technology we have a deep and abiding commitment to operational excellence, developing products that respond directly to market demand.

We work directly with a variety of designers and customers to create products that improve the efficiency and performance of glass. We offer one of the industry's widest arrays of film technologies, produced in a clean-room environment to ensure optimum quality.

Contact us with your building envelope and interior design challenges and questions. We are here to help. We can work with your building's window needs and your budget goals to help you select the right window film.



EASTMAN

**Certain restrictions apply; see an authorized dealer for warranty details or visit www.Vista-Films.com. Reported values are taken from representative product samples and are subject to normal manufacturing variances. Actual performance will vary based on a number of factors, including glass type and properties. © 2016 Eastman Chemical Company. Eastman brands referenced herein are trademarks of Eastman Chemical Company or one of its subsidiaries. The ® used herein denotes registered trademark status in the US; marks referenced herein may also be registered internationally. Visual renderings are for illustrative purposes only; actual appearance of windows treated with film may vary. Printed in U.S.A. (05/16) SP1062

