



Installed 3M Window Film Solutions for Commercial Buildings

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How Window Film Helps Real Estate Professionals

Having retro-fit window film installed is a quick, proven and low cost improvement to existing windows, doors and interior glass for buildings and retail establishments.

Window film blocks solar energy - *leading to lower energy costs* - improves tenant comfort – *leading to higher retention rates* - and protects people and property from injury due to windstorm, smash & grab and bomb blasts – *leading to lowered insurance rates.*



Overview

- 3M & Window Film Depot (WFD)

Trusted Innovator + Experienced National Installer

- 3M Window Films 101

Decorative, Architectural, Security, Energy Management Films

- How WFD Adds Value

WFD Solutions Delivered for StruttureTec & Hines



Authorized Window Film Dealer
Prestige Dealer Network

3M & Window Film Depot

■ 3M

- Invented window films & leads industry innovation
- Leader in abrasion, scratch resistance + adhesion sciences
- Pioneer in 'nano-technology' and thin-film technologies
- Top 10 most trusted global brands - Forbes

■ WFD

- Largest volume 3M Installing Dealer in US; 2005-2009
- National Assessment & Installation Capabilities
- 2006 & 2008 3M "Dealer of the Year"
- Project Management: 10,000+ installations in every US State

WFD Clients include:

Johnson Controls, Siemens, JLL, CBRE, Starwood Hotels, GSA, USACE, Coke, Merck

3M Films 101: Decorative Films

1,000 + colors, patterns and levels of opacity

- Custom applications for hard to please tenants

Frosted, gradient, one-way & “black-out”

- Create privacy in select areas on glass walls & conference rooms

Easily cleaned and replaced if needed

- Semi-permanent nature allows for new designs for new tenants

Glass strengthening

- Unlike harsh glass etching, installed films strengthen glass

Economical solution

- \$4-10 / sq. ft. Installed vs. \$20+ for etched glass

[Go here to view decorative film samples](#)

Decorative Films: Low-Cost Facelift



3M Films 101: Safety & Security Films

Counter-intelligence films (CI)

- Protect IT networks from electronic interference
- Anti-eavesdropping films protect sensitive data

Fragment Retention Films (FRF)

- Smash & Grab prevention reduces loss from theft
- Blast mitigation required for GSA and Government occupants
- Severe weather protection keeps glass in place during windstorm or seismic activity
- Attachment systems hold broken glass in the frame of a window, protecting occupants

[Go here for demo](#)

\$6-\$25 per square ft installed (CI)

Window Films 101: Energy Films

Sun Control for Existing Windows *

99% UV radiation block

- Prolong lifecycle of interiors, hardwoods, artwork
- Protects occupants from solar radiation exposure

Control the Sun's Solar Energy

- Lower energy consumption + improve tenant comfort
- 8-15% total energy savings (2-4 year payback)
- 10-20 year lifecycle
- Reduce annoying sun glare and light pollution
- Achieve HVAC 'balance'
- Improve worker productivity & health
- Qualifies for the EPA ACT of 2005 for tax incentives

3M Low-E Solar Films

- "All-Season" solar film using patented 3M nano-technology
- Blocks heat from coming in from the exterior
- Bounces heat back into building during winter months
- Designed for buildings that experience both hot and cold external temperatures

\$4-10 per square foot installed

* ENERGY CASE STUDIES AVAILABLE

Energy Savings: 2.5 Year Payback



3M Window Film & Sustainability

Window films can assist with obtaining up to **7 LEED Certification Points** in the following areas:

- Light Pollution Reduction (1 pt)
- Optimizing Energy Performance (1-3 pts)
- Improving Thermal Comfort (1 pt)
- Providing Daylighting and Views (1-2 pts)

Window Film Depot works with LEED AP's to help identify opportunities to earn points for properties that are pursuing LEED designation.

View LEED details: <http://www.windowfilmdepot.com/WindowFilmsLEEDCertification.pdf>

WFD's Value Added Services

■ Building Modeling for Energy Savings

WFD provides analysis quantifying energy savings in real dollars using DOE software
We partner with ESCO's and building engineers to build the business case for window films

■ Tax and Utility Credits & Incentives

Rebates and incentives are researched and processed for WFD clients
WFD provides technical expertise to assist in realizing incentives

■ Turn-key Project Management

Large commercial or multi-site capabilities in every US State and Overseas
Rollouts, retro-fits or re-branding services for 5 to 5000 store locations

■ Service Levels and Ongoing Agreements

One call, one price point, one warranty and our live 800 # for national service
Custom service agreements minimize replacement / wear & tear costs

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