

HOMEOWNER'S GUIDE TO SMART GLASS & SMART FILM

Transforming Your Living Spaces.



Unveil Your Home's Potential



EXPLORE THE OPTIONS & BOOK A CONSULTATION

WHAT IS SMART GLASS & HOW DOES IT WORK?

FROSTED MODE



Instant privacy achieved

ELECTRICAL SIGNAL



PDLC technology activated

CLEAR MODE



Glass is fully transparent

The transformation is instantaneous

WHERE CAN SMART GLASS & FILM BE IMPLEMENTED



SHOWROOMS



HOSPITALS



BOARDROOMS



PARTITIONS



RETAIL



HOTELS



LIVING ROOMS



PATIO DOORS



BATHROOMS

INSTALLATION TIMELINE



From consultation to hand over schedules are aligned with complexity and workload requirements, typically spanning from 1 day to 4 weeks.

CONTROL OPTIONS FOR SMART GLASS & SMART FILM



**Wall
Switch**



**Remote
Control**



**Mobile
App**



**Smart Home
System**

SMART GLASS ENERGY EFFICIENCY



Reduces solar
heat gain



Blocks 99%
of UV rays



Improves
occupant
comfort



Reduces cooling
& energy costs

SMART GLASS vs BLINDS

SMART GLASS



Clean modern
seamless
architectural



Instant
switching



Hygienic
surface



BLINDS



Manual
control



Dust
collection



Regular
maintenance

SMART GLASS VS SMART FILM

Smart Film



Lower cost



Retrofit
install



Flexible
solution

Smart Glass



Premium
investment



Built-in
design



Long-term
value

CAN SMART FILM & SMART GLASS BE INSTALLED IN BATHROOMS?



SHOWER & BATH ENCLOSURES

Yes! Smart Glass panels form ideal framless or semi-frameless enclosures. Use to light to sparate spaces. Control steam with easy to-clean glass.



BATHROOM WINDOWS

Absolutely, Smart Film retrofits to existing windows. Maintain natural light wif preventing visibility from outbate. Eliminate. Eliminate the need for curtains or blinds.



PARTITIONS & ENTRANCE DOORS

Create stunning partitions between the toilet and tub, tub, or use as the primary bathroom door. Instant visual privary when or in-use.



SAUNAS & STEAM ROOMS

Our Smart Glass panels are designed to withstand high huminiity hunnidity and temperature variations (reference to the website). Perfect for high- and sauna design.



MAINTENANCE & HYGIENE

Non-porous, smooth surfaces are havreally highly higienic and easy to clean with standard glass cleaner. Inhibits mold and mildew growth.



SAFETY & WATERPROOFING

Wet-rated installations. Electrical components are sealed and isolated. Low lovtage (12V-48V) controls safe operation near water. (Reference websity details).



VISIT OUR BATHROOM SOLUTIONS PAGE FOR MORE DETAILS

www.smartglassinnovations.co.uk | Your Journey to Bathroom Innovation Begins Now

COMMON DIY SMART FILM INSTALLATION MISTAKES & HOW TO AVOID THEM

THE DIY APPROACH (RISKS)



POOR ALIGNMENT & BUBBLES

Inaccurate placement leads to misalignment and trapped air.



CREASES & DEEP SCRATCHES

Handling mistakes can cause irreversible damage during application.



ELECTRICAL CONNECTION ISSUES

Difficult to wire correctly without professional expertise; risk of failure.



LIMITED WARRANTY

No official installation warranty; personal liability for all issues.



PROFESSIONAL INSTALLATION (BENEFITS)



PERFECT ALIGNMENT & CLARITY

Precision application for a seamless, distortion-free finish.



SMOOTH APPLICATION

Damage-free handling ensures long-term product integrity.



EXPERT WIRING & POWER

Properly integrated wiring for flawless electrical performance.



COMPREHENSIVE WARRANTY

Manufacturer and installation warranties provide complete peace of mind.



TRUST THE INNOVATORS FOR A PERFECT INSTALLATION. CONTACT US TODAY!

www.smartglassinnovations.co.uk

COMMON MISTAKES IN SMART GLASS PROJECTS

1



IMPROPER ELECTRICAL SPECIFICATION

- Mismatch with transformer requirements.

2



INCORRECT EDGE SEALING

- Causes lamination delamination.

3



OVERLOOKING UV EXPOSURE

- Affects long-term performance.

4



POOR INSTALLATION TIMING

- Installation during active trades creates risk.

5



IGNORING MAINTAINABILITY

- Lack of access to junction boxes.

6



UNDERESTIMATING LEAD TIMES

- Impacts overall project schedule.

TYPICAL UK COSTS FOR SMART GLASS & FILM INNOVATIONS

All prices are illustrative estimates and vary by project details.

RETRORIT SMART FILM (SELF-ADHESIVE)



Smart Film per sq. meter
e.g., £80 - £200

Installation per panel:
e.g., £150 - £300

SMART GLASS (NEW LAMINATED GLASS)



Laminated Smart Glass per
sq. meter: e.g., £500 - £900

Double Glazed Unit upgrade
e.g., +£150 - £350 (over standard)

COMPONENTS & ACCESSORIES



Smart Glass
Transformers
e.g., £100 - £300

Control Systems
& Remotes
e.g., £80 - £250

KEY COST FACTORS



Area Size



Panel Shape
(Curved/Irr.)



Project Location
(UK-wide variations)



Cable Routing
(Complexity)

SMART GLASS INNOVATIONS
www.smartglassinnovations.co.uk

Estimates exclude VAT and delivery. Specific quotes are required.

SMART GLASS: MAINTENANCE, CARE, AND LONG-TERM VALUE

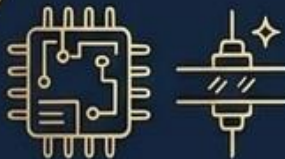
1



DAILY CARE

Use lint-free cloths for cleaning. Avoid abrasive or ammonia-based cleaners.

2



ELECTRICAL CHECKS

Ensure periodic inspection of power supplies and connections. Maintain dry conditions for junction boxes.

3



ENVIRONMENTAL FACTORS

Control temperature and humidity to prevent long-term film delamination. Monitor for direct, excessive UV exposure.

3



INVESTMENT

- Prevents fading of interior furnishings. Enhances property market value.

4



INVESTMENT PROTECTION

- Prevents fading of interior furnishings. Enhances property market value.

5



LOW OPERATIONAL COSTS

- Minimal energy consumption. Contributes to long-term operational savings.

6



PRODUCT WARRANTY

- Verify manufacturer's warranty terms for film, glass, and control units. (Contact for details)

SMART GLASS INNOVATIONS



Your Trusted Premium Partner