

CLEANING AND AFTERCARE

SMART GLASS & SMART FILM

Once the glass is installed, it is essential to implement appropriate protection protocols to prevent damage from ongoing construction activities or post-installation handling. Special care must be exercised during all cleaning stages, initial cleaning, cleaning during construction, or in cases of heavy soiling, to avoid scratches or damage caused by abrasive particles or improper methods.

⚠ Electrical Safety Notice: Always switch off the power supply to smart glass or smart film products prior to cleaning. Under no circumstances should electrical connections be exposed to moisture. This precaution is critical to ensure product safety and longevity.

General Cleaning Guidelines for All Smart Glazing Systems

- Use only clean, lint-free microfiber cloths.
- Avoid all abrasive tools, harsh chemicals, steam cleaners, or high-pressure washers.
- Do not allow moisture to seep into panel edges or reach any electrical interfaces.
- Avoid direct contact between metal parts of cleaning tools and glass/film surfaces.

Maintenance Best Practices:

- Clean when the surface is cool, avoid hot, sun-exposed conditions.
- Do not operate the film during or immediately after cleaning.
- Inspect film edges and wiring during routine maintenance.

SWITCHABLE GLASS

(SMART FILM LAMINATED BETWEEN GLASS LAYERS)

Routine Cleaning Instructions:

- Use a pH-neutral, non-abrasive glass cleaner or a diluted water-based solution.
- Apply the cleaner using a soft applicator or lightly spray it on the surface.
- Gently wipe with a clean, dry microfiber cloth in a circular motion.
- Do not use ammonia-based or solvent-based cleaners.
- Avoid using sharp or abrasive tools, including razor blades.
- Prevent moisture intrusion around glass edges or sealants.

SMART FILM

(APPLIED TO SURFACE OF EXISTING GLASS)

Initial Cleaning (Post-Installation):

- Wait at least 48 hours after film application before performing any cleaning.
- Do not apply liquid directly onto the film surface.
- Dampen a clean, lint-free microfiber cloth with plain water only.
- Gently wipe the film surface using minimal pressure.
- Avoid excessive rubbing, circular motions, or repeated strokes in the same area.
- Do not use any sprays, chemicals, or detergents, only clean water.

Critical Warning: The smart film surface is delicate and susceptible to micro-scratching. Using inappropriate materials or techniques may cause permanent visual damage and compromise switching performance.
