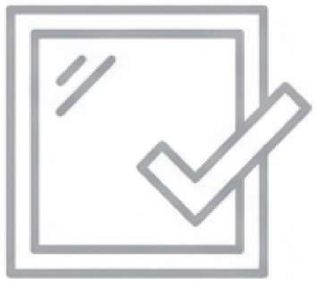
Thermal Mirror Film Silver

INSTALLATION & TECHNICAL GUIDE

Modern Architecture Series

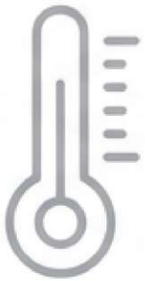
Critical Prerequisites



SURFACE COMPATIBILITY

Smooth glass only.

Prohibited: Frosted, textured, plastic, polypropylene, or cracked surfaces.

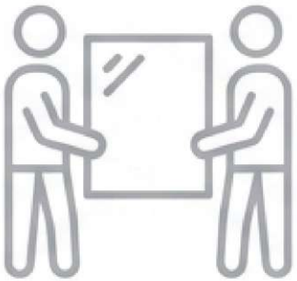


AMBIENT TEMPERATURE

0°C – 35°C

Application window.

Do not install in direct sunlight or frost.



TEAM REQUIREMENTS

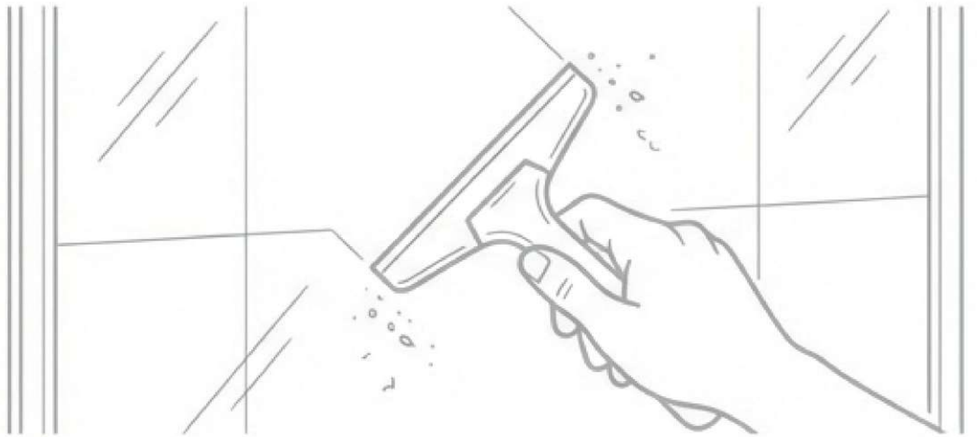
If window width > 1 meter:

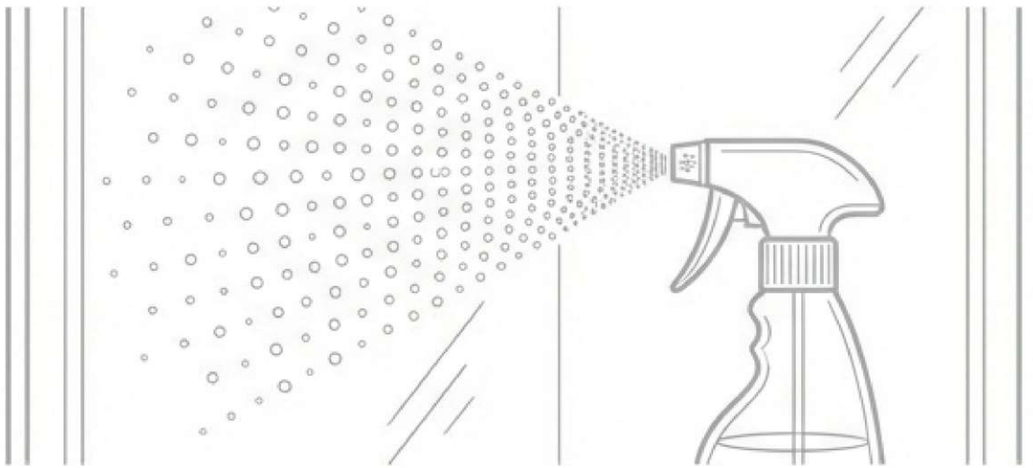
2 Installers Required

Phase 1: Surface Preparation

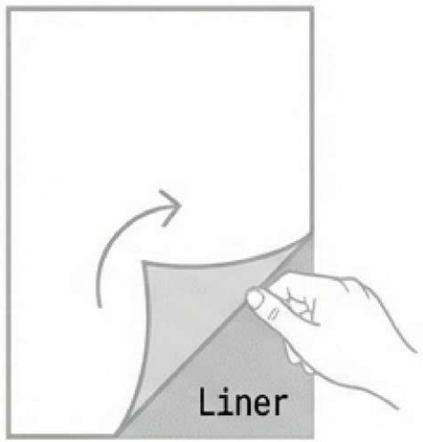
The chemical bond depends on a flawless canvas.

1. Clean glass and frame contact points thoroughly.
2. Use a scraper to remove dirt, paint, or debris.
3. Generously spray **Soapy Solution** on glass BEFORE positioning film.



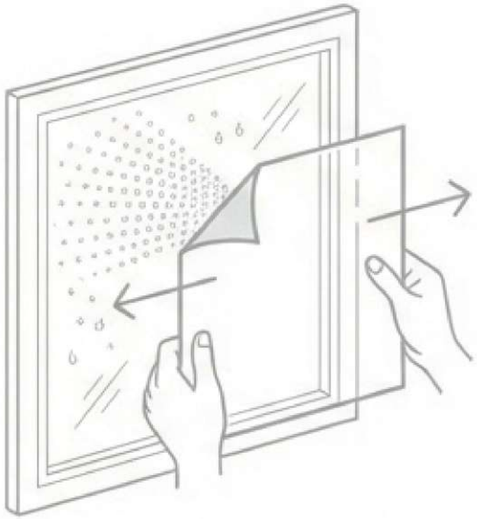


Phase 2: Film Positioning



1. Remove the back cover (liner). WARNING: Avoid contact with clothing to prevent dust contamination.

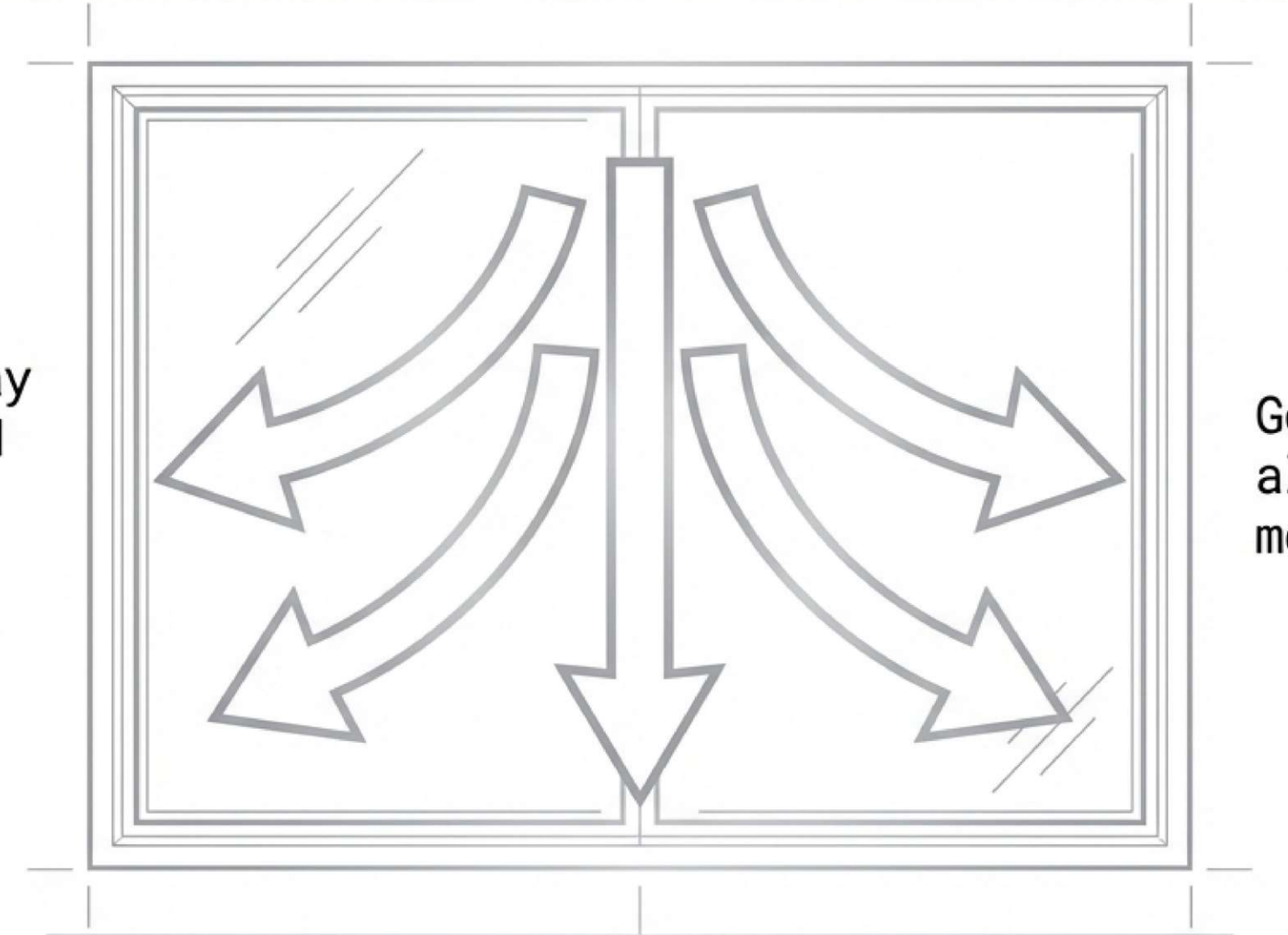
2. Spray soapy solution on the adhesive side of the film.



3. Place film on the wet glass. The fluid allows for precise sliding and positioning.

Phase 3: The Squeegee Technique

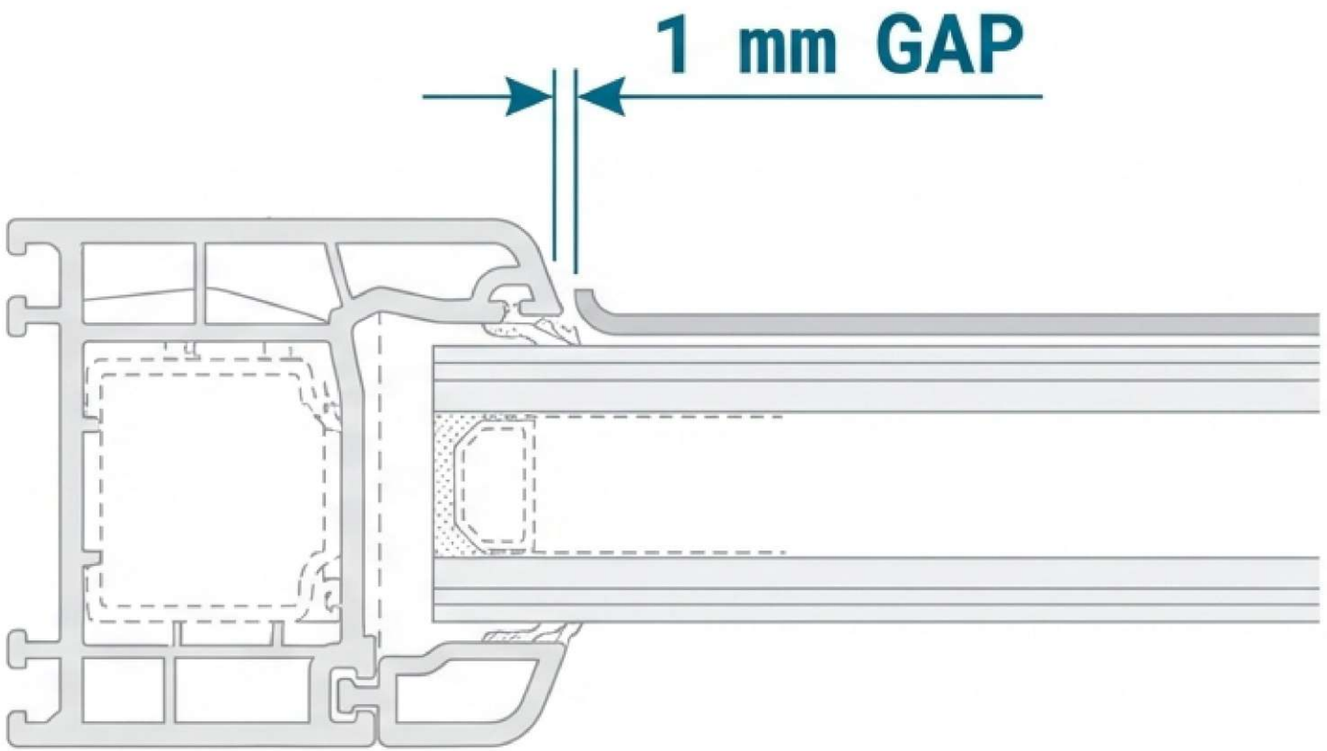
Preparation: Spray soapy solution ON TOP of the film for lubrication.



Goal: Evacuate all bubbles and moisture.

Correction Window: If persistent bubbles appear, remove and reposition within 24 hours.

Phase 4: Precision Trimming

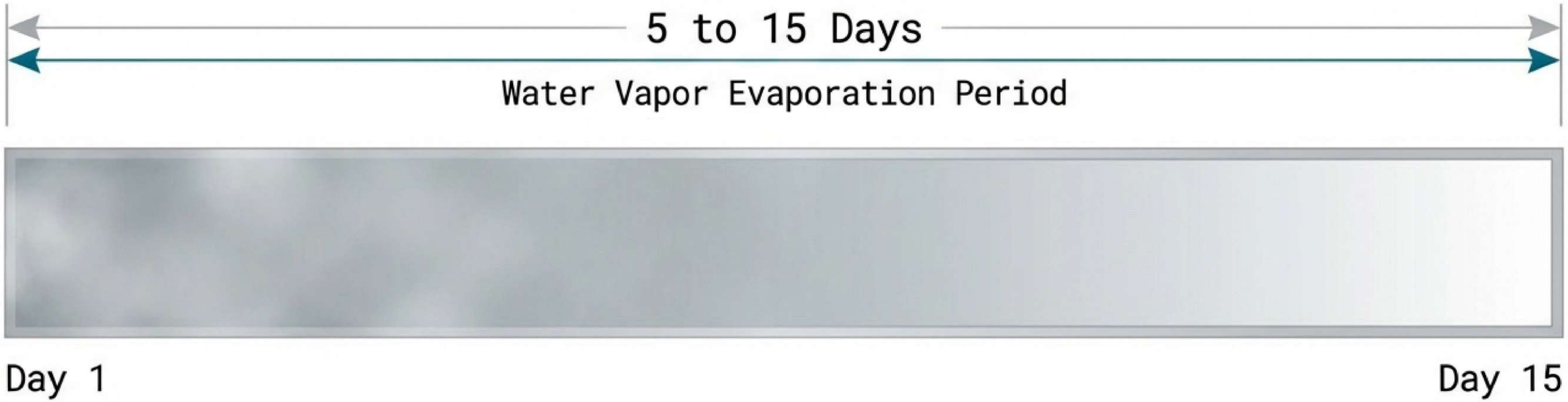


CRITICAL SPECIFICATION

- Use a cutter to trim excess.
- Leave exactly 1 mm between film and frame.
- Reason: Allows for thermal expansion and prevents edge lifting.
- Final Step: Re-wet and squeegee edges to seal.

The Curing Phase

Managing Appearance Post-Installation



Observation: Windows may appear ‘foggy’ or cloudy.
This is a natural chemical process.

Protocol: The First 30 Days

The Golden Rule

DO NOT TOUCH.

Do not clean the glass for 30 days. Allow for full hardening and attachment.

Standard Maintenance (After 30 Days)

APPROVED

- Soapy water
- Window cleaner
- Soft cloth
- Rubber squeegee

PROHIBITED

- Abrasives
- Brushes
- Solvent-based products

Technical Specifications

Thermal Film Mirror - Silver

Total Solar Energy Rejected	79%
UV Rejection	98%
Visible Light Transmission	16%
Thickness	100 µm
Safety Feature	Holds glass shards upon breakage

Disclaimer: Information based on practical experience and laboratory tests.

Help Us Help You

Innovation in Protection.

The information provided is based on extensive practical experience and laboratory tests.
Practical tests are recommended to ensure compatibility for each specific application.