

Window Care and Maintenance

General Overview and Contact

WinTech Windows are tested, manufactured, and supplied in accordance with AAMA standards, specifications, and requirements; however WinTech cannot protect against adverse environmental conditions, extreme or unusual use of the products provided in the field. The information contained in this manual has been compiled for general and typical window types. WinTech cannot warrant or guarantee products that are used in any manner other than normal use and results may differ from those expressed in this manual. Due to custom applications, design, and specifications of this industry some of the information may not apply and should be analyzed and reviewed before action is taken. Users of material should conduct their own tests to verify that material is applicable for the field application.

In the event that a part or piece has broken or become defective please send requests for information or possible replacement to:

WinTech Replacement Department
WinTech P.O. Box 201 Monett, MO 65708
Or Call P: 800-365-4924 F: 417-737-7140
Or Visit www.wintechinc.com

Glass Care and Maintenance

1.1 General Cleaning

Glass should be washed, rinsed and dried during the different phases of construction. This will help prevent the accumulation of foreign debris to adhere and distort glass from its original quality. For most glass except specialty or coated glass, use mild soap, clean with soft and particle free cloths, or sponges. Use of a slightly acidic cleaning solution can be used on glass, but immediate rinsing with clean water must be completed. Use of a rubber squeegee for streak free viewing is acceptable. Check with project glass manufacturer for specific cleaning instruction

1.2 Care During Installation

Cleaning of glass and windows must be done and monitored during all stages of installation and construction. Upon arrival to the jobsite and installation, windows and glass should be wiped down and cleaned. Cleaning during the construction phase of the glass and windows should be soaked with clean water, then a mild soap solution to loosen any dirt, dust and debris. Use a nonabrasive or cloth brush to apply a non-abrasive cleanser to the glass. Before the cleanser becomes dry, use a squeegee and dry glass. Make sure not to hit, nick, or scratch glass with any metal or sharp object. After drying glass and window frame, a blue max or similar protective film may be applied to protect from new construction debris, dust, paint, welding spatter, or contaminates; provided that these must be tested prior to application to avoid damaging the finish.

Finish Care and General Maintenance

2. Anodized Aluminum Cleaning and Maintenance.

2.1 General Cleaning

Cleaning products for terrazzo, cement, plasters, and many cleaning materials used to clean masonry, and many other materials, are very harmful to anodized and painted finishes and should not be allowed to come in

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contact with the window system. In the event that any does come in contact, it should be removed immediately with mild soap and water. Start at the top of material and soak the entire location with water and mild soap solution to remove soil and large pieces of debris. Start by wiping with a non-abrasive brush in a horizontal manner and then a vertical (top to bottom) motion. Rinse cleaning materials with clean water and dry with a clean non-abrasive cloth.

2.2 Removal of debris and oils Cleaning of anodized aluminum surfaces should be in accordance with AAMA 609 & 610- 02 "Cleaning and Maintenance Guide for Architecturally finished Aluminum".

*****ATTENTION***** Use of duct tape, masking tape, and similar products to painted aluminum surfaces will produce permanent adhesion of tape to the finish. This adhesion will promote adhesion failure of finish to aluminum surface upon removal of the tape. If protective coatings are required, these should be tested prior to application and removed prior to using field applied sealants during installation. Always refer to protective coating manufacturer for compatibility of different finishes.

3. Painted Aluminum Cleaning and Maintenance.

3.1 General Cleaning

Cleaning products for terrazzo, cement, plasters, and many cleaning materials used to clean masonry, and many other materials, are very harmful to anodized and painted finishes and should not be allowed to come in contact with the window system. In the event that any does come in contact, it should be removed immediately with mild soap and water. Start at the top of material and soak the entire location with water and mild soap solution to remove soil and large pieces of debris. Start by wiping with a non-abrasive brush in a horizontal manner and then a vertical (top to bottom) motion. Rinse cleaning materials with clean water and dry with a clean non-abrasive cloth.

3.2 Removal of debris and oils Cleaning of painted aluminum surfaces should be in accordance with AAMA 609 & 610- 02 "Cleaning and Maintenance Guide for Architecturally finished Aluminum".

*****ATTENTION***** Use of duct tape, masking tape, and similar products to painted aluminum surfaces will produce permanent adhesion of tape to the finish. This adhesion will promote adhesion failure of finish to aluminum surface upon removal of the tape. If protective coatings are required, these should be tested prior to application and removed prior to using field applied sealants during installation. Always refer to protective coating manufacturer for compatibility of different finishes.

Maintenance Schedule for Windows and Sliding Doors.

4.1 Quarterly

- Blow or vacuum out dust, dirt and debris from sliding track and sills of windows.
- Remove any debris within window system as it may cause deficiency in hardware operation.
- Clean sand or debris from all working mechanisms; hinges, latches, limit stops, rollers, and any specialty parts.
- Polish external hardware to protect finish. Non-abrasive products can be purchased at most local retailers.

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4.2 Annually

- Blow or vacuum out dust, dirt and debris from sliding track and sills of windows.
- Remove any debris within window system as it may cause deficiency in hardware operation.
- Clean sand or debris from all working mechanisms; hinges, latches, limit stops, rollers, and any specialty parts.
- Polish external hardware to protect finish. Non-abrasive products can be purchased at most local retailers
- Check exterior perimeter caulking and interior seals and repair as needed.
- Adjust hardware to allow for proper engagement, operation, and performance.

4.3 Frequently

- Wash exterior and interior windows and glass per the above mentioned methods. Be aware not to scratch or damage material or glass.
- Blow or vacuum out dust, dirt and debris from sliding track and sills of windows.

5. Glass Quality Guidelines

WinTech Glass Quality Guidelines are based on generally accepted industry standards. Unless prior written documentation is received / in place, WinTech will not be held responsible for meeting a more stringent appearance standard.

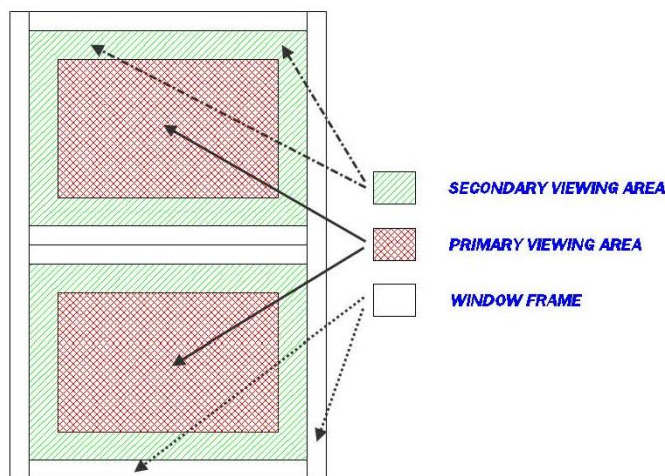
PRIMARY VIEWING AREA – Defined as the main view area to within 3” of the edge or the central area is considered to form a square or rectangle defined by the center 80 % of the length and 80 % of the width dimensions centered on a lite of glass. The remaining area is considered the outer area or secondary viewing area. All listed criteria are based on ASTM C 1376 – 03, specifications for cut size vision glass.

SECONDARY VIEWING AREA – Defined as glass within 3” of the edge all around perimeter of glass to window frame area.

WinTech shall provide monolithic or insulated tempered glass to the glass customer which has no visible flaws that can be easily seen from a distance of 10’ (feet), subject to the following:

- * Only flaws visible from 10’ (feet) in the PRIMARY VIEWING AREA apply – reasonable flaws visible from 10’ (feet) in the SECONDARY VIEWING AREA are acceptable.
- * The glass is to be viewed under normal exterior or interior lighting conditions. Bright artificial back lighting does not apply.

INSPECTION – An individual is not expected to stare at the glass for great lengths of time and / or from many different angles. WinTech will not be responsible for strain patterns, discoloration, or any non-uniform tint that may result from a tempering process. These conditions are most predominant with bronze or gray tinted products.



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In the event a defect or scratch has been observed using a viewing distance of 10' (feet), below is a guide for what is / is not allowed:

What is allowed / acceptable:

- 1) Scratches smaller than 3" in any area.
- 2) Scratches longer than 3" allowed in secondary viewing area only.
- 3) Clustering of small scratches (secondary viewing area only).

What is not allowed / not acceptable:

- 1) Scratches longer than 3" in primary viewing area.
- 2) Clustering of small scratches in primary viewing area.

If upon review from the above guidelines there is a noticed item with glass, contact WinTech immediately before performing any course of action on glass.

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