



ALL WEATHER
ARCHITECTURAL ALUMINUM

SERIES 6100 WINDOW SYSTEM

777 Aldridge Road | Vacaville, CA 95688 | 800.680.5800 | www.allweatheraa.com

SERIES 6100

3 ¾" THERMALLY OPTIMIZED WINDOW SYSTEM

The Series 6100 Window System is All Weather's newest, most optimized, energy efficient window design. The 6100 is All Weather's first window system engineered to meet Title 24 compliance using the Prescriptive Method.

The all-new aluminum extrusion design provides a contemporary aesthetic and utilizes All Weather's state-of-the-art insulated glass production capabilities. The Series 6100 delivers best-in-class energy efficiency and is the perfect choice for residential applications and exterior glazed solutions for buildings 12 stories and under.

FEATURES

- 3 ¾" Frame with mitered corners
- Fixed, casement, awning & combination configurations
- Max casement size of 48" x 96"
- Max fixed lite size 60 square feet
- Thermally broken frame – Thermal strut system
- Concealed hinges for contemporary aesthetic

FRAME OPTIONS

- Nail On

GLAZING OPTIONS

- 1" OA insulated glass units – 1 ¼" OA triple glazed
- 1" Simulated Divided Lite (SDL) – Flat Bar
- 3 ⅞" True Divided Lite (TDL)

RESIDENTIAL HARDWARE OPTION

- Encore Contemporary handle
- Amesbury Truth High Performance Single Arm Operator
- Max casement width 42" and min casement width 23 ½"
- Max casement height 72" when width is greater than 30"
- Max casement height 78" when width is equal to or less than 30"
- Supports sash up to 140 lbs.

COMMERCIAL HARDWARE OPTION

- European style Fapim Out System
- Handle rotation allows for sash lock, unlock and actuation
- Securely restricts and locks window open position
- Locking bar allows for synchronized locking in one motion
- Supports sash up to 280 lbs.
- Max casement width 48" and min casement width 23 ½"
- Max casement height 98"
- ADA compatible handle available

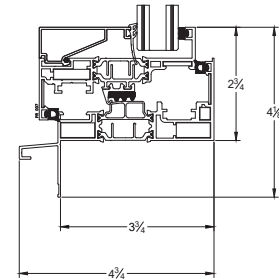
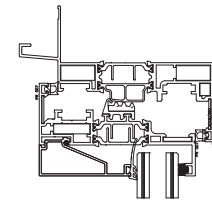
FINISH OPTIONS

- Clear Anodized, Class I (standard)
- Bronze Anodized, Class I (standard)
- Kynar Paint (color matching available for commercial projects)
- Split Finish options for interior and exterior

RATINGS & CERTIFICATION

- NFRC Certified Product
- .30 U Value or better to meet Title 24 compliance
- Performance Grade Rating PG60
- Acoustically Rated

Assembly Drawings



Encore Contemporary Operator



Fapim Out Operator



All Weather Residential Warranty

Installed in CA after 05.01.2020

Single Family Residential 10 Year Warranty 10 Year Parts | 1 year Labor Included

ALUMINUM WINDOWS & DOORS 10 year limited warranty

All Weather Architectural Aluminum guarantees to the original consumer purchaser of All Weather Architectural windows or doors installed in a single family home by the builder as new construction or by the Original Purchaser as replacements, that All Weather will repair or replace any such products that are defective in materials or workmanship and will pay the costs of all parts (for 10 (ten) years) and labor (for the first year (one) year). If repair or replacement in the first year is not commercially practical or cannot be made in a timely manner, then All Weather will refund the purchase price. All Weather reserves the right to modify or discontinue any of its Products and may substitute current Products and components of equal quality and as similar in appearance as possible. The foregoing remedies are the exclusive remedies for breach of warranty. For painted product the warranty is ten (10) years for standard paint, and 20 years for Kynar paint. For the repair of exterior painted surfaces that fail other than due to natural weathering, All Weather, at its option, will refinish, at its cost, the exterior painted surface to be similar in appearance to the original exterior surface. The warranty on the replacement parts will extend only for the balance of the warranty period of the original product. In no event shall All Weather be responsible for the cost of labor, installation, sales tax, finishing, or any other associated or incidental cost, for either the original or the replacement parts, unless expressly required by state law. The original warranty period shall not be extended by any repair or replacement.

COVERAGE

This warranty extends to the original Purchaser of the Products. The Warranty starts on the invoice date and remains effective as long as the Original Purchaser owns the home.

EXCLUSIONS What This Warranty Does Not Cover

- | Products for which All Weather has not been paid in full
- | Defects related to misuse and abuse
- | Normal wear, including discoloration on hardware components finishes
- | Minor glass imperfections that are allowable under applicable ASTM or other industry standards
- | Condensation, frost, mold, mildew, corrosion, or fungus on product surfaces
- | Temporary thermal expansion or bowing resulting from direct sunlight and/or significant differential temperatures between the inside and outside environment
- | Defects in exterior finishes, resulting from cracking, peeling, and other loss of adhesion in coastal applications
- | Natural weathering of exterior finishes
- | Damage from acts of nature (e.g. from fire, hurricane, earthquake, etc.)
- | Damage from a building settling, structural failures of walls or foundation
- | Non-standard installation, including without limitation, units installed in other than vertical plane, sloped glazing, or out of

square

- | Products not installed or maintained in accordance with All Weathers written installation instructions (including glazing instructions) and Care and Maintenance Guide (Documented per the on line care and maintenance guide), AAMA standards and applicable building codes
- | Improper handling, storage or field mulling
- | The use of tints or films. Alterations (including but not limited to customer applied finishes.) or modifications not performed by All Weather.
- | The gradual dissipation of inert gas or the amount of inert gas remaining in the product at any time after manufacturing.
- | Product that is shattered, cracked, broken or damaged for any reason
- | Products not properly weeped to avoid accumulation of moisture or water
- | Products subjected to high humidity, including without limitation, installation near pools, hot tubs and saunas.
- | Products exposed to corrosive materials, including without limitation, sulfur or chlorine.
- | Insulated glass installed in a high-altitude application without capillary tubes or has capillary tubes but was not installed in a high-altitude application.
- | Laminated and Oversized Glass Units. The warranty terms applicable to oversized (70 sq. ft. or greater) and laminated glass units vary by glass manufacturer; contact your Registered Dealer for details.

EXCEPTIONS 10 year parts and 1 year labor warranty

The following products and services are not covered by this Warranty and have the different warranty coverage specified below:

- | Window or door screens – 1 year parts & labor
- | Electric motors or drive units – 1 year parts & labor
- | Hardware in coastal or other highly corrosive environments 1 year parts & labor

DISCLAIMERS & LIMITATIONS

The warranty is expressly in Lieu of all other oral or written warranties, liabilities or obligations. In no event shall All Weather be liable for consequential or incidental damages of any kind, including any damage to the building, its contents or any person therein, resulting from the breach of any warranty set forth herein. All Weather's obligations under this warranty are expressly conditioned upon payment in full for the products. Some states do not allow limitation on or the exclusion of incidental or consequential damages, so the above exclusions may not apply.

This Warranty gives you specific legal rights and you may have other rights in certain states.

PURCHASE DATE: _____ SALES ORDER # _____

08.07.20 | 20AW-029

CARE & MAINTENANCE INSTRUCTIONS

To ensure your windows & Doors perform at optimum efficiency, you must preform proper care and maintenance. Regular inspections and maintenance will help extend longevity, prevent costly repairs, and protect you from voiding your product's warranty.

For a comprehensive care and maintenance guide please visit www.allweatheraa.com/faq

BEFORE YOU START

Do not use the items below on your windows, screens, doors, or hardware. Doing so may void your warranty and/or damage your products.

- | A power washer or garden hose
- | Metal tools or sharp objects, like razor blades, putty knives, and abrasive pads
- | Petroleum-based products, abrasive or caustic cleaners/solvents, and hydrochloric/phosphoric acid

THE BASICS

- | Wash your products with light pressure. Excessive scrubbing can lead to damage, like scratches
- | Clean and rinse each window or door individually to prevent cleaning agents from permeating for long periods of time.
- | Avoid leaning on your window or door screens.

WHEN TO CLEAN YOUR WINDOWS & DOORS

Clean all components listed in this guide a minimum of once a year. If you live in a coastal area, clean at least once a month.

HOW TO CLEAN YOUR PRODUCTS WINDOWS & DOORS

GLASS

For the best results, clean your glass during cooler temperatures and out of direct sunlight.

1. Begin by gently rinsing your glass with clean water to remove dirt and dust particles that can cause scratches during the cleaning process.

2. Apply a soft, water-saturated cloth to the glass and gently move back and forth, top to bottom across the surface.
3. If you prefer a pre-mixed glass cleaner, follow the printed instructions carefully.
4. Rinse your glass thoroughly with clean water to prevent the cleaning solution from leaving a film on your glass.

FRAMES

1. Begin by gently rinsing your glass with clean water to remove dirt and dust particles that can cause scratches during the cleaning process.
2. Clean the interior and exterior of your window or door frames with a mixture of mild soap and water. To ensure a safe application, test your cleaning solution on a small area before you apply it to the entire surface.
3. To protect your investment, apply a light car-wax solution to your frames once a year. Make sure to apply the wax after you have cleaned the frames so you do not inadvertently seal corrosive deposits to the frame.

SCREENS

1. Carefully remove your screen carefully place it on a clean, flat surface.
2. Use a soft brush with a combination of mild soap and water to gently remove dirt and other deposits.
3. Rinse thoroughly with clean water.
4. Allow your screen to dry completely & carefully re-install.

HARDWARE

1. The wheels on your sliding glass door(s) do not need lubrication since they contain a sealed ball bearing housing.
2. A light oil lubricant, like mineral oil, or a light plant-based oil may be used to preserve easy operation on hinges, thumb turns, and other moving parts.
3. Inspect and clean your weatherstrip with a damp cloth. Rinse and dry the weatherstrip thoroughly. If your weatherstrip is damaged, it will need to be replaced to ensure a proper seal.
4. Routinely inspect and clean your water drainage (weep systems) to maintain proper drainage.
5. Wipe your tracks and sills with a damp cloth or use a vacuum to remove dust and dirt.