



QUAKER
COMMERCIAL WINDOWS AND DOORS



IMPACT
SERIES

**E700 Series
HC40**

**3 1/4" Frame Depth
Picture Window (Fixed)**

E700 SERIES PICTURE WINDOW (FIXED)

The Quaker Impact E700 Series picture window is specially glazed specifically designed to meet ASTM 1886: ASTM E 1996 for large missile impact resistance.

FEATURES

- ◇ **Commercial Framing System**
 - 3 1/4" main frame
 - 0.062" wall thickness of frame and sash
- ◇ **Thermally Enhanced Design**
 - Azon pour and debridge thermal break is 1/2" wide in all main frame and vent rail extrusions
 - Double fin-type weatherstripping
 - Full width lift handles
- ◇ **Glazing**
 - 1" insulated glass
- ◇ **Hardware**
 - Block and tackle balancers
 - Gravity latch
- ◇ **Screen**
 - Extruded aluminum screen frame with BetterVue™ mesh

BENEFITS

- ◇ The capacity to match exterior colors for unique project facades
- ◇ The ability to facilitate large sizes for taller and wider window openings

OPTIONS

- ◇ **Available Configurations**
 - Single hung
 - Oriel single hung
- ◇ **Muntin Choices**
 - Internal or simulated divided lites available
- ◇ **Hardware**
 - Class 5 balancers
 - Limited travel latch
- ◇ **Nailing Fin**
- ◇ **Screen**
 - Extruded aluminum screen frame with aluminum wire mesh
 - Extruded aluminum screen frame with sunscreen mesh
 - Extruded aluminum screen frame with stainless steel 0.009" thickness mesh
- ◇ **Glazing**
 - Capillary tubes
 - Argon gas
 - Wide variety of glazing, tinting and thickness options
- ◇ **Panning & Trim Choices**
 - Wide variety of panning, receptor and trim available
- ◇ **Mulling**
 - Wide variety of structural mulls

PERFORMANCE

- ◇ Structural Performance (test reports or thermal simulations available upon request)

Model	Fixed
AAMA/WDMA/CSA 101/I.S.2/A440-08 Rating	HC40
Structural Load P.S.F.	60
Air at 50 MPH (cfm/ft ²)	0.03
Water (No Penetration) P.S.F.	10.03

Window test size: 48" x 90 1/8"
Operating Force: 19 lbf (maintain motion), 1 lbf (gravity latches)



Our products are tested to the standards of and certified by the American Architectural Manufacturer's Association, the National Fenestration Rating Council and the Window & Door Manufacturers Association.



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ARCHITECTURAL PAINT COATINGS AND FINISHES

◇ Baked on powder coat finish meets ANSA/AAMA 2604 specs and is available in unlimited colors

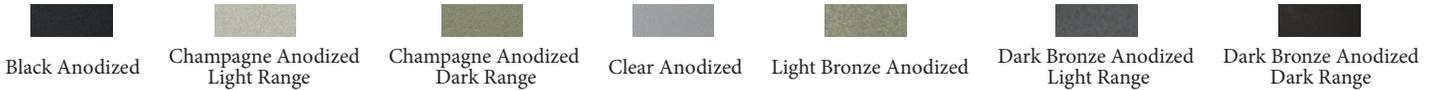
- 11 Popular Colors



- 19 Impressive Colors



- 7 Resemble Colors (painted finish resembling anodized)



- Unlimited Custom Colors

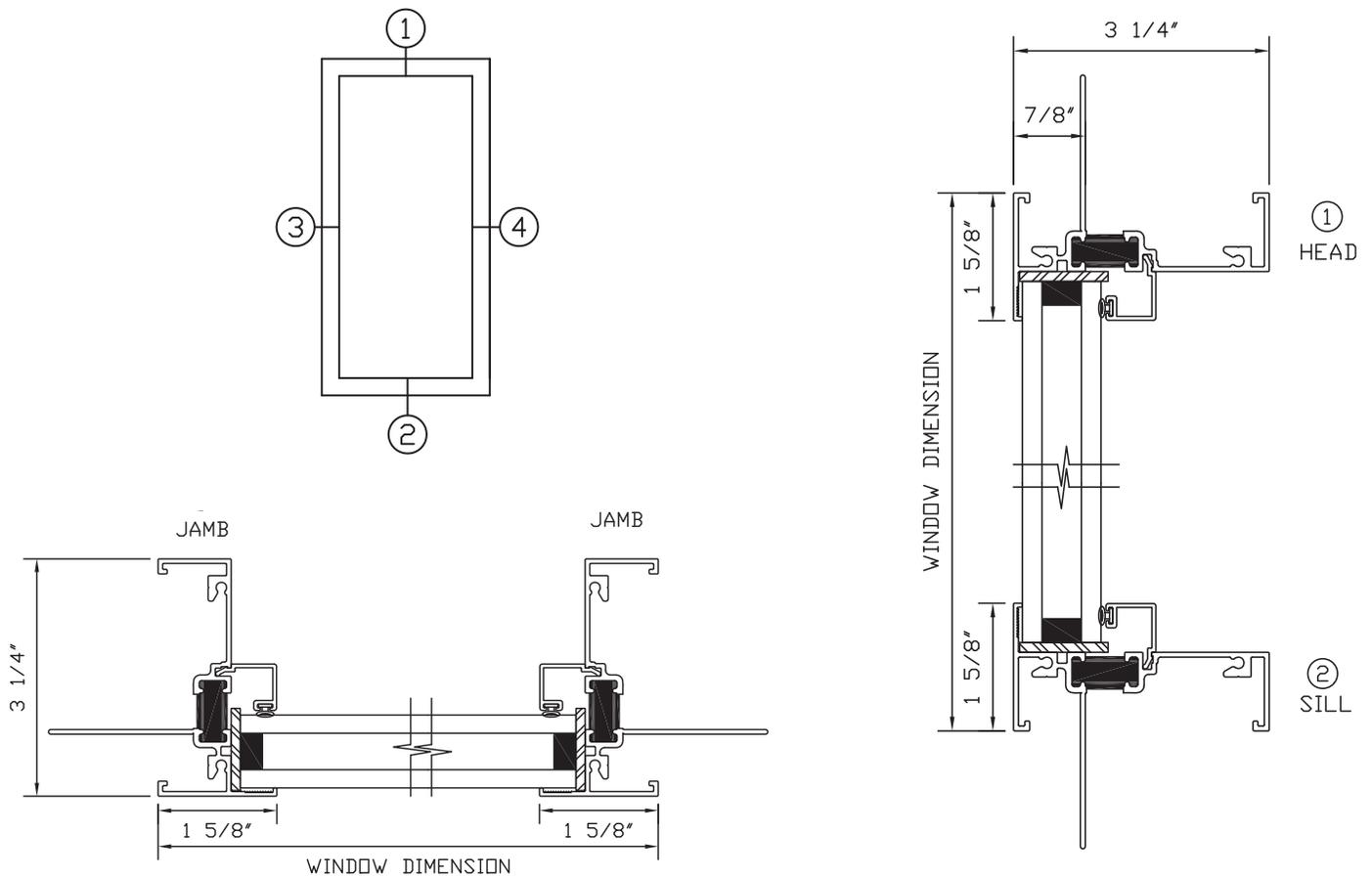
* Printed colors shown here may not accurately depict actual painted colors. Color samples are available upon request.

◇ ANSA/AAMA 2605 powder coat finishes

◇ AAMA 611-98 Class I clear and tinted anodized finishes

T700 Picture Window (Fixed)

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