

# HI0400 SERIES DATA SHEET



Type	Frame Depth (inches)	Series	Model Code	Glazing*	Missile		Design Pressure (psf)		Water (psf)	Test Size (inches)
					Large	Small	Pos (+)	Neg (-)		
Horiz. Sliding-Acoustical	5	HI0400	HI0401	Single Lami	✓	Meets	60	60	9	108 x 72
Horiz. Sliding-Acoustical	4½	HI0400	HI0402	Single Lami	✓	Meets	40	40	7.5	144 x 62

\*Additional glazing and test configurations may be available – contact Graham.

## STANDARD FEATURES

- Acoustical dual horizontal sliding windows for hurricane-impact resistance
- Provides large missile impact protection
- Offers passive protection from wind-borne debris without shutters!
- Thermally broken frame and dual sash for superior energy savings
- Utilizes extruded spring locks
- Mulls to fixed and operable products of the same frame depth
- Ball bearing rollers in plastic housing for superior operation
- Full-height extruded pull rails

## INSTALLATION METHODS

- Pre-set panning
- Trim & clip
- Wraparound panning
- Receptor & subsill
- Through-frame anchors at head and jambs; trim and clip at sill

## OPTIONAL FEATURES

- High-performance acoustical ratings available
- High-performance energy-efficient options available
- Applied flat-stock grids



TESTED TO: ASTM E1886, ASTM E1996 AND/OR TAS 201, TAS 202, TAS 203

## Window series: HI0400 Horizontal Sliding — General Specifications & Details

- **Materials:**  
All frame sections shall be thermally broken extruded aluminum shapes produced from commercial quality 6063-T6 alloy
- **Hardware:**  
Ball bearing rollers for easiest sash operation – even on largest sizes  
Interior: white bronze sweep locks for strength and extra durability  
Exterior: extruded aluminum spring snap locks  
Tested to impact performance standards
- **Finish Options:**  
AAMA 2603, 2604, & 2605, as well as powder coat and anodized finishes, are all available in a wide range of colors
- **Accessories:**  
Wide range of panning & trim options available

### HI0401 FEATURES

- Horizontal sliding dual acoustical window
- 5" frame depth
- Polyamide strip thermal-break frame
- Dual glazed: exterior lami; interior lami
- Available in XO, OX or XOX configurations
- Large missile +60/-60 DP performance

### HI0402 FEATURES

- Horizontal sliding dual acoustical window
- 4½" frame depth
- Poured-in-place urethane thermal break frame
- Dual glazed: exterior lami; interior lami
- Available in XO, OX, or XOX configurations
- Large missile +40/-40 DP performance

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



# Hurricane Impact – 5” 4-Track Horizontal Slider (Large Missile)

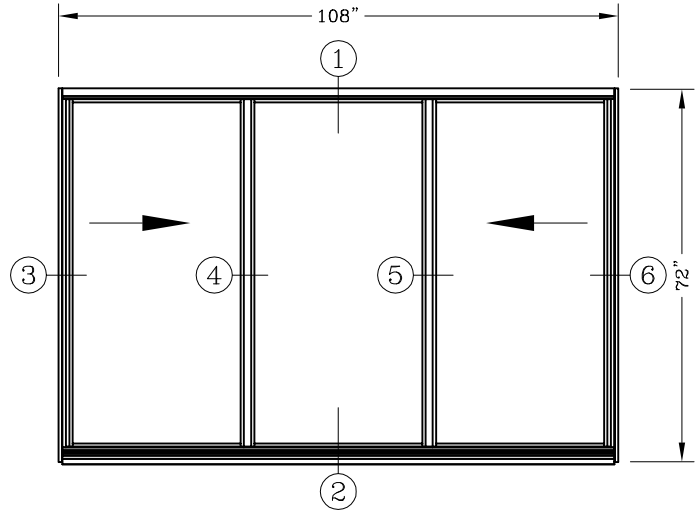
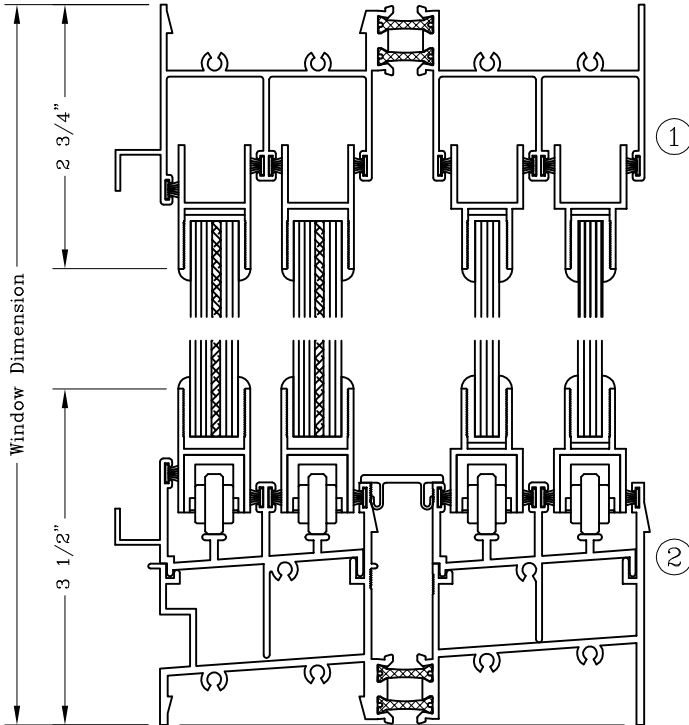


Series: HI0400

Manufacturing Code: HI0403

Drawing 1/2 Scale – For Custom Size Drawing Contact Graham

Note: Sealant Not Shown On Details. Consult Technical Services At Factory For Sealing Procedures.



**ELEVATION**

XOX Shown  
108" x 72" Tested

**INSTALLATION TYPES**

1. Through Frame Anchors At Head And Jamb.
  2. Trim Clip Across Sill.
- (Reference Test Report #85322.01-109-18)

