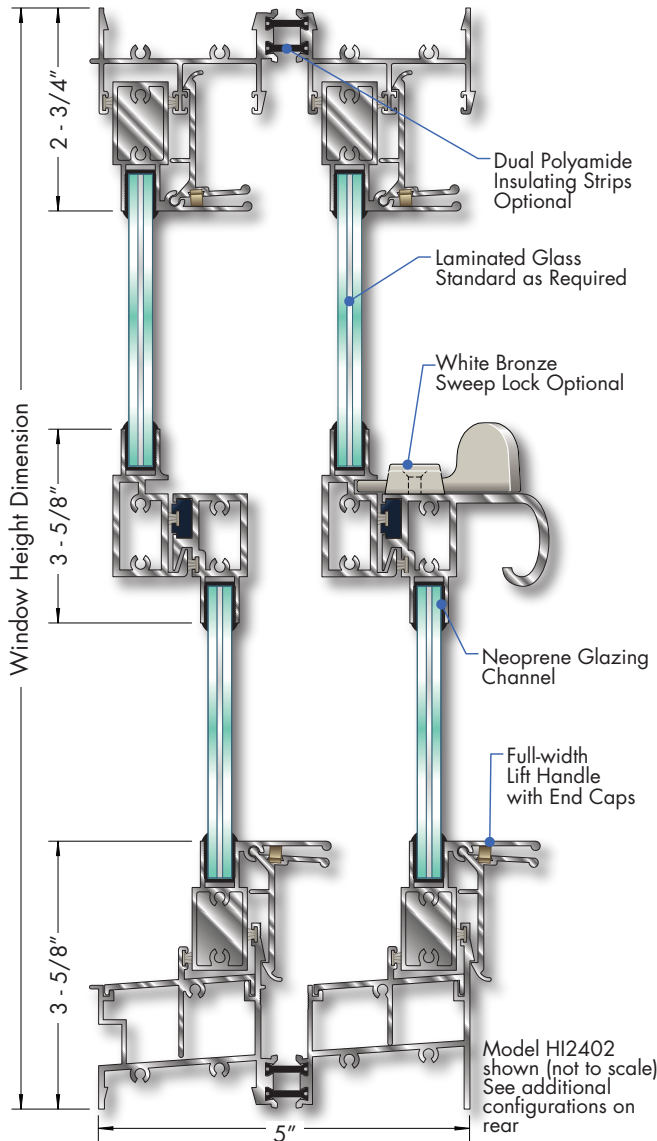




Series HI2400 4½" & 5" Frame Depth
HURRICANE-RESISTANT
DOUBLE HUNG • Acoustical

Private Residence — Bradenton, FL

Private Residence — Bradenton, FL



STANDARD FEATURES

- Double-hung acoustical windows for hurricane-impact resistance
- Provides large missile impact protection
- Offers passive protection from wind-borne debris - without shutters!
- Thermally broken frame and sash for superior energy savings
- Block & tackle balances for superior operation
- Utilizes durable white bronze sweep-lock hardware
- Full-length extruded lift handles

INSTALLATION METHODS

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

OPTIONAL FEATURES

- Aluminum sill & head latches
- High-performance energy-efficient options available
- Applied flat-stock grid

SERIES HI2400 4½" & 5" FRAME DEPTH PERFORMANCE CHARACTERISTICS

Type	Frame Depth (inches)	Series	Model Code	Glazing*	Missile		Florida Product Approval		Design Pressure (psf)		Water (psf)	Test Size (inches)
					Large	Small	Number	HVHZ	Pos (+)	Neg (-)		
Double Hung Acoustical	4½	HI2400	HI2401	Single Lami	✓	Meets	10083.3	✓	40	40	9	57 x 74
			HI2402	Single Lami	✓	Meets	10083.4	✓	60	60	9	48 x 72

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

Series HI2400 DOUBLE HUNG GENERAL SPECIFICATIONS & DETAILS

- **Materials:**
All frame sections shall be thermally broken extruded aluminum shapes produced from commercial quality 6063-T5 alloy
- **Hardware:**
Block & tackle balances for easiest sash operation
White bronze sweep locks for strength and extra durability
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

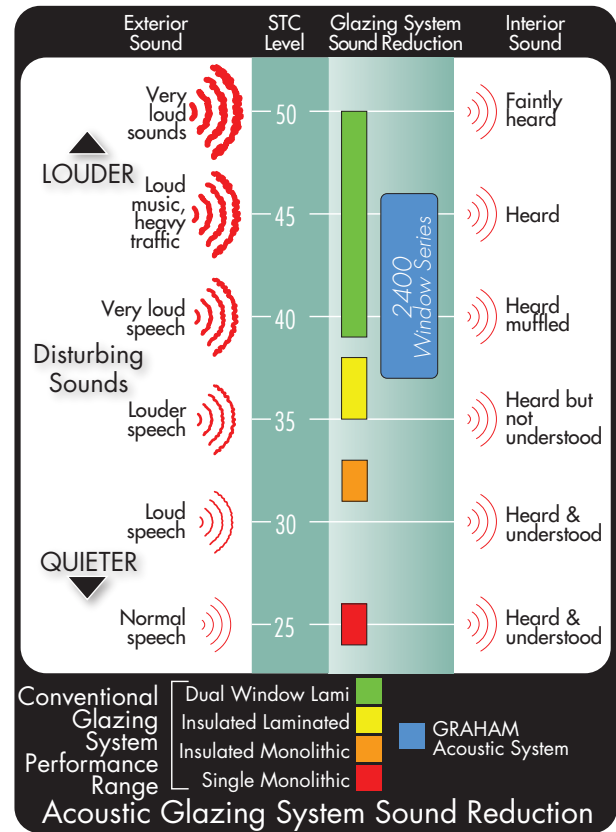
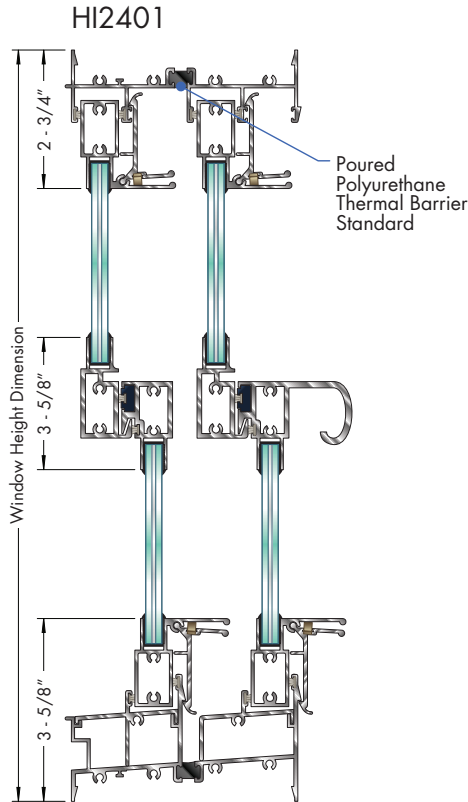
TESTED TO:

ASTM E1886
ASTM E1996
TAS 201, TAS 202, TAS 203

Series HI2400 4½" & 5" Frame Depth
HURRICANE-RESISTANT
DOUBLE HUNG • Acoustical

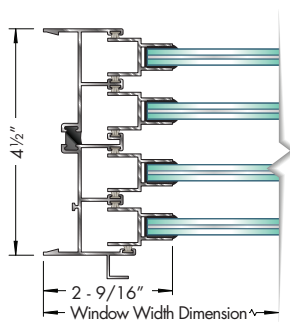


Vertical Cross Section (Not to scale)



STC = Sound Transmission Class - a higher STC value indicates greater noise reduction.

Horizontal Cross Section at Left Jamb (Not to scale)



HI2401 Features

- Double-hung dual acoustical
- Thermal-break frame
- Single-glazed laminated glass
- Large missile +40/-40 DP performance

*PLEASE NOTE: The illustrations shown are informational only as anchorage requirements vary widely according to application, product size, and performance constraints. Contact Graham's Technical Services Department at 800-755-6274 for project application assistance.