



Signature Series—5" Lap

The **Signature Series 5" Lap** utilizes Polyamide thermal break technology allowing for **dual color and finish combinations**. Lap sash-to-frame design utilizes state of the art manufacturing techniques to deliver performance, configurations, flexibility, competitive cost and reduced lead times.

Signature Series 5" Lap Features

- 5" Frame Depth
- 3-1/4" Sash Depth
- Tubular Sash and Meeting Rails
- Extruded screw spline joinery
- Corner Keyed Sash
- Multiple Anchor Options
- Backbed Glazing
- Lap Sash to Frame
- Polyamide Struts

Signature Series 5" Lap Benefits

- Rugged Architectural Performance
- Strength and Durability
- Ease of Installation
- Provides Increased Resistance to Air and Water
- High Thermal Requirements and Dual Finish Capabilities for Anodize or Paint

Product Data

Description

AAMA/WDMA/CSA 101/I.S.2/A440-11 – Architectural

AAMA Designation Configuration – AW-100 Fixed, Hopper, Awning, Casement

AAMA Air, Water and Structural Testing

Test Size – AAMA 101 for Designation and/or Configuration

Water – 15 PSF

Uniform Load Structural – 150 PSF

Allowable Air – MAX 0.10 CFM/LF @ 6.24

Uniform Load Deflection – 100 PSF

CRF and 'U' Value

CRF – CRF 55-74 (Estimated)

U-Value – U 0.30 – 0.58

Construction

Frame Depth – 5"

Sash Depth – 3-1/4"

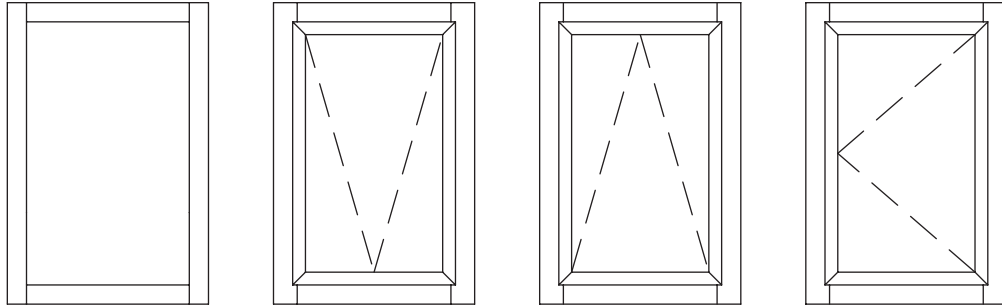
Thermal Barrier

Separation – 1-3/16"

Design – Two Strips-Crimped in Place,
6/6 Reinforced Polyamide



Configurations



Size Limitations:

Minimum Frame Size:

- Hoppers: 14" x 14"
- Awnings: 14" x 14"
- Casement: 19" x 26"

Maximum Frame Size:

- Hoppers: 74" x 50" (max. 20 sq/ft)
- Awnings: 74" x 74" (max. 24 sq/ft)
- Casement: 50" x 74" (max. 24 sq/ft)

Note: Minimum and maximum sizes are dependent on hardware package that is used

Standard Hardware:

- 4-Bar Hinges and Cams at Awning and Hoppers
- Butt Hinges, Friction Device, Keepers at Casement
- Optional Available Hardware: Rotos and Custodial Locking, and Multi-Point Locking

Finishes:

- Anodize
- Paint 70% Kynar® (Conforming to AAMA 2605)

Blinds:

- Hinged or Lift-Off Access Doors
- 5/8" or 1" Blinds with Pull Cord

Muntins:

- True and In-Between Glass

Screens:

- Flat, Sliding Wicket or Hinged

Trim:

- Receptors, Subsills, Mullions, Nail-Fin, Extended Leg, Panning and Caulk Backer

Product Data (continued)

Fabrication

Machined, Mechanically Fastened and Sealed

Glazing

Location – Factory or Field

Method – Wet/Dry/Backbed

Installation – Interior Glazed

Screens

As Specified – Flat, Sliding Wicket or Hinged

Hardware

Manufacturers Standard – 4-Bars and Cams, Butts, Friction Device Keepers

Finish

As Specified – Anodized or Painted

Warranty

As Specified – 2, 5 or 10 Years (2 Years Standard)