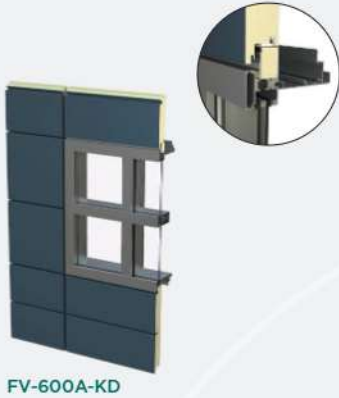


FORMAVUE™ WINDOWS

FV-600A-KD, FV-600S-KD

TECHNICAL DATA SHEET



FV-600A-KD



FV-600S-KD

DESCRIPTION

CENTRIA's Formavue FV-600KD integrated window system is designed to provide a high-performance, thermally efficient window to panel interface with 3"-T thick Formawall Dimension Series insulated metal panels. This window system integrates into the panel joinery with thermally broken extrusions at the window head and sill. FV-600KD windows integrate with horizontal and vertical panels and are available with spandrel or thru-tube supports, for punched or strip window applications. Exterior glazed mullions are interchangeable in the FV-600KD frame and include full mullion (with pressure bar and snap covers) and structural silicone glazed (SSG) mullions.

GENERAL DESIGN OPTIONS

FORMAVUE™				
	FV-600A-KD	FV-600A-KDV	FV-600S-KD	FV-600S-KDV
BUILDING STRUCTURE	Steel Studs	Steel Studs	Steel Thru-Tubes <i>Standard - 4", 5", 6" and 8" x 2" tubes</i>	Steel Thru-Tubes <i>Standard - 4", 5", 6" and 8" x 2" tubes</i>
PANEL THICKNESS	3"-T	3"-T	3"-T	3"-T
PANEL ORIENTATION	Horizontal	Vertical	Horizontal	Vertical
SYSTEM DEPTH	3" + Aluminum Tube Depth <i>Standard - 4", 5", 6" x 3" tubes</i>	3" + Aluminum Tube Depth <i>Standard - 4", 5", 6" x 3" tubes</i>	3" + Steel Tube Depth	3" + Steel Tube Depth
SITE LINE	3"	3"	3"	3"
NOMINAL FRAME WALL THICKNESS	1/8"	1/8"	1/8"	1/8"
FRAME FABRICATON	Field-Assembled	Field-Assembled	Field-Assembled	Field-Assembled
GLAZING* (1" NOMINAL)	Exterior Glazed	Exterior Glazed	Exterior Glazed	Exterior Glazed
MAX. WINDOW HEIGHT	Limited by load capacity	Limited by load capacity	Limited by load capacity	Limited by load capacity
MAX. EXTRUSION LENGTH	Standard: 16' <i>Max: up to 24'-6"</i>	Standard: 16' <i>Max: up to 24'-6"</i>	Standard: 16' <i>Max: up to 24'-6"</i>	Standard: 16' <i>Max: up to 24'-6"</i>
INTERIOR TRIM	Extruded & Painted <i>Field Applied; Drywall Adaptor Available</i>	Extruded & Painted <i>Field Applied; Drywall Adaptor Available</i>	Extruded & Painted <i>Field Applied; Drywall Adaptor Available</i>	Extruded & Painted <i>Field Applied; Drywall Adaptor Available</i>
WINDOW DESIGNS	Punched or Strip Windows <i>Optional: horizontal stacks</i>	Punched or Strip Windows <i>Optional: horizontal stacks</i>	Punched or Strip Windows <i>Optional: horizontal stacks</i>	Punched or Strip Windows <i>Optional: horizontal stacks</i>
CORNERS	Outside: Exterior Glazed Inside: 4"x4" Aluminum back up tubes	Outside: Exterior Glazed Inside: 4"x4" Aluminum back up tubes	Outside: Exterior Glazed Inside: 4"x4" Aluminum back up tubes	Outside: Exterior Glazed Inside: 4"x4" Aluminum back up tubes




*Silicone required for SSG mullion

FORMAVUE DESIGN FEATURES & BENEFITS

- Designed as an integrated component of the Formawall building envelope system
- Aluminum framing with complete thermal break, integral head & sill joinery
- Can be installed in a variety of configurations
- Available in a wide range of colors to compliment your Formawall building envelope
- Integrated design eliminates the need for time-consuming window/wall interface detailing
- Maximum thermal performance and reduced opportunity of window condensation.



FORMAVUE FV-600 TESTING

TEST	TEST METHOD	TEST TITLE	RESULTS
 STRUCTURAL	ASTM E330	Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference	Contact CENTRIA for structural capabilities
 AIR INFILTRATION	ASTM E283	Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors	< 0.01 cfm/ft ² air infiltration rate at static pressure differential of 6.24 psf
	ASTM E2357	Standard Test Method for Determining Air Leakage of Air Barrier Assemblies	Assembly tested integrated with Horizontal FWDS-3T panels meets the requirements of the standard
 WATER INFILTRATION	ASTM E331	Water Penetration of Exterior Windows, Skylights, Doors and Curtain Walls by Uniform Static Air Pressure Difference	No uncontrolled water penetration at static pressure differential of 15 psf for 15 minutes
	AAMA 501.1	Standard Test Method for Water Penetration of Exterior Walls Using Dynamic Pressure	No leakage at a dynamic pressure of 15 psf for 15 minutes

NOTES

- A. For information on special applications, contact your local CENTRIA Sales Representative.