

ARCHITECTURAL PRODUCT SOLUTIONS

# Louvers + Sun Controls *for CENTRIA<sup>®</sup> Wall Systems*



# Two great companies, *rooted in innovation.*

The Construction Specialties and CENTRIA partnership brings together the experts in solar shading and building ventilation with the leader in insulated metal panels to provide architects, contractors, and owners with an engineered, totally integrated facade.

Our systems offer single-source responsibility and common joinery for seamless integration. Choose from the complete range of CS louvers and sun controls and the full selection of CENTRIA finishes and colors.

## Seamless Integration

Construction Specialties and CENTRIA join forces to provide a wide selection of sunshades engineered for seamless and thermally isolated integration with Formavue® windows and Dimension Series panels. Specially designed aluminum castings provide a seamless, thermally broken connection that keeps the Formawall Dimension Series® panels' vapor barrier lines intact to provide complete air and water resistance.

The connections allow for expansion and contraction without bending or deformation and are designed to meet the building's specific wind and snow loads.

Construction Specialties and CENTRIA also provide a full line of fixed, drainable, and storm-resistant louvers for seamless integration with Dimension Series panels. Engineered to maintain Formawall's aesthetics and legendary performance, these CS louvers incorporate Formawall-integrated joinery for quick and easy installation and maximum weathertight performance.

CS louver models include common joinery elements with Formawall panels, while CS Sun Controls' common joinery elements provide a seamless facade.

**Project:** New York Power Authority  
**Location:** Lewiston, NY  
**Products:** DS 100-3, DS-4097, DS-5300

# Louvers with CENTRIA Formawall Dimension Series® Panel Systems

CENTRIA and Construction Specialties have a unique partnership to ensure complete integration of CS Louvers and Sun Controls into CENTRIA Formawall Dimension Series Panels and CENTRIA Formavue Windows. CS Louver models include common joinery elements with Formawall Panels to provide a seamless exterior facade.

Project: Boeing Delivery Center  
Location: Charleston, SC  
Products: DSH-5704

## Available Louvers

### 4" Series

|          |         |
|----------|---------|
| DS-4080  | DS-4100 |
| DS-4085  | DS-4177 |
| DS-4097  | DS-4180 |
| DS-4097H | DS-4700 |

### 5" Series

|          |
|----------|
| DS-5700  |
| DSV-5700 |

### 6" Series

|          |         |
|----------|---------|
| DS-6080  | DS-6100 |
| DS-6085  | DS-6105 |
| DS-6097  | DS-6155 |
| DS-6097H | DS-6177 |

### 7" Series

|         |
|---------|
| DS-7315 |
| DS-7705 |

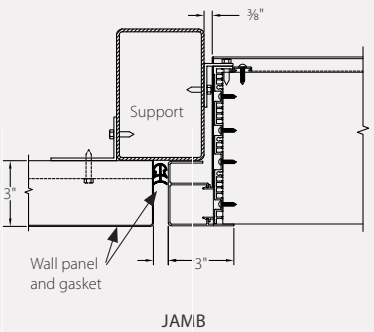
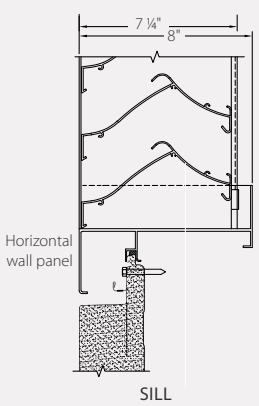
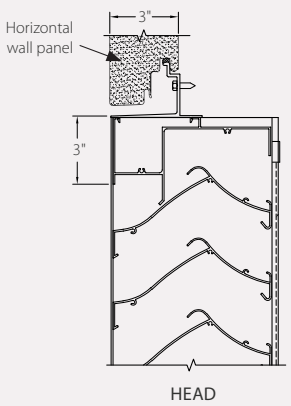
### Dade County

|          |
|----------|
| DS-4174  |
| DSH-5704 |
| DSV-5704 |
| DS-6174  |

## Features

- Proven performance from CS, a world leader and innovator in air movement technology
- Full line of fixed, drainable, storm-resistant and Dade County Certified louvers in 4" to 7" depths
- Fully integrated with Formawall Dimension Series joinery, sealing systems and sight lines
- Simplified installation and framing requirements
- Seamless connection provides complete air and water resistance
- Tested to meet AMCA and BSRIA test standards
- Finished in any CENTRIA Prismatic or Sundance Series colors
- Single-source coordinated shop drawing submittal

## Horizontal Wall Panel

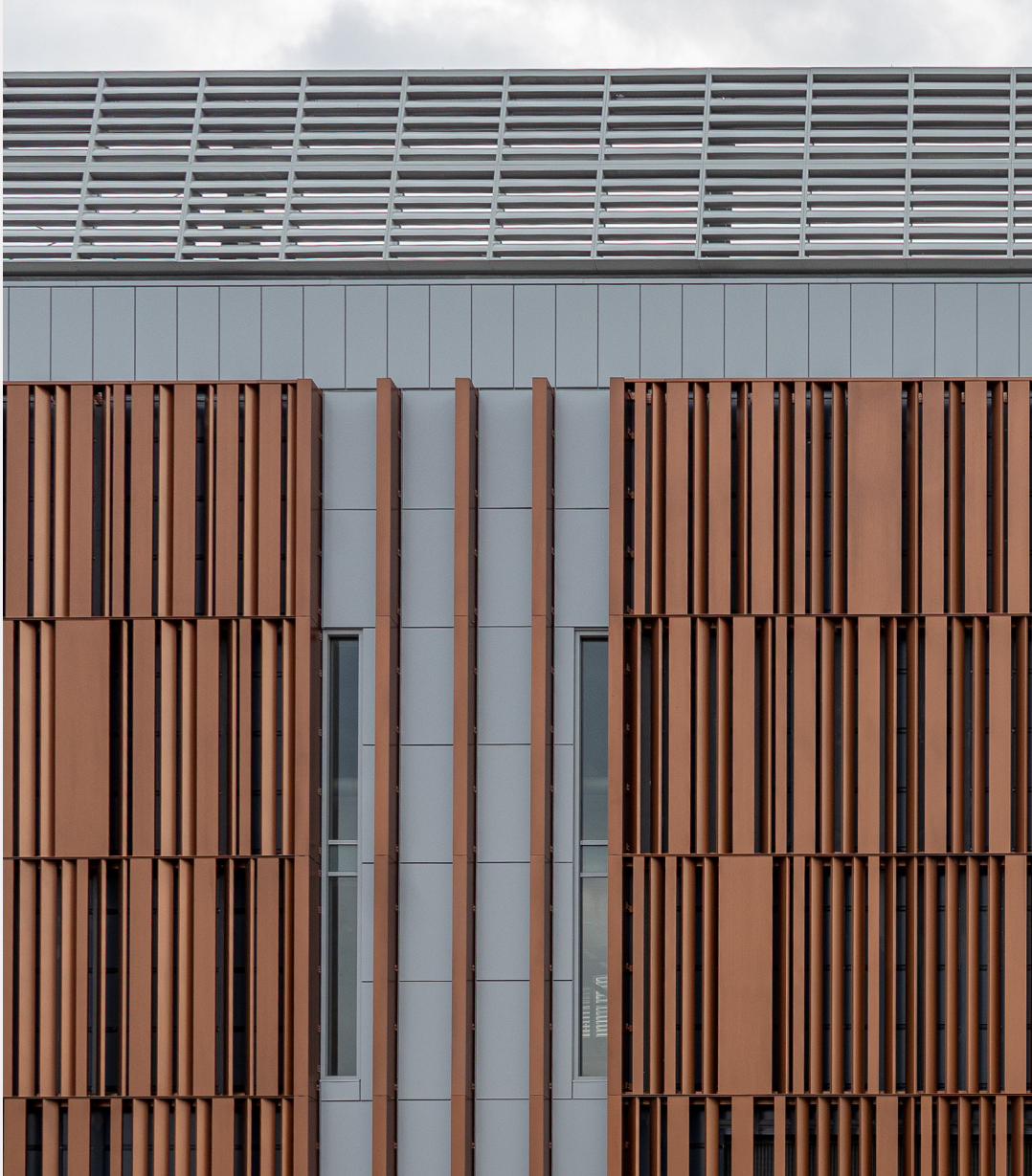


# MetalWrap® Facades

## CS Louvers + CENTRIA

Buildings need to allow fresh air in and keep water out through all weather conditions. The integrated MetalWrap Series Louvers are designed for use in large areas where both louver performance and insulated walls are required. These systems utilize storm-resistant louvers in active louver areas and CENTRIA MetalWrap Series insulated back-up panel systems at inactive areas.

**Project:** Ohio State CHP DCH Plant  
**Location:** Columbus, OH  
**Products:** Integrated MetalWrap Louvers

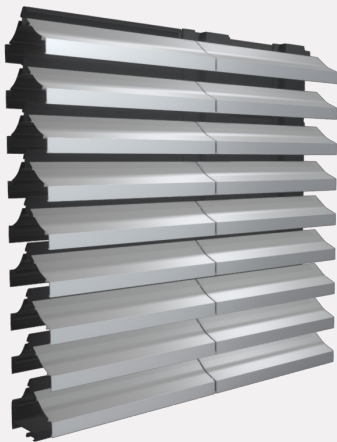


### Features

- Tested wall system
- Provides water, vapor, and air barrier
- High R-value - 2" and 3" thick panels
- Thermally broken
- Continuous front blades
- Inactive areas are visually indistinguishable from active areas

# Integrated **MW-7315** MetalWrap® Series Louver

The integrated CS Louver MW-7315 is designed for large areas where the louvers are more than a performance requirement, they are an architectural feature. An integrated CS louver system utilizes storm-resistant louvers at the active areas, and just the front blades over CENTRIA MetalWrap Series insulated back up panel system in the inactive louver area.



## Features

- Tested wall system
- Provides water, vapor, and air barrier
- High R-value - 2" and 3" thick panels
- Thermally broken
- Continuous front blades
- Blades ship loose in up to 20' lengths
- Inactive areas are visually indistinguishable from active areas
- CS Storm-Resistant Louvers in active areas

# **MW-9615 & MW-8615** High Performance MetalWrap® Series Louver

Model CS MW-9615 is used in areas where extreme air and water performance is needed. Continuous front blades up to 20' long conceal a high performing vertical storm-resistant louver as well as the inactive CENTRIA Metalwrap Series or Versawall backup panel system.



## Features

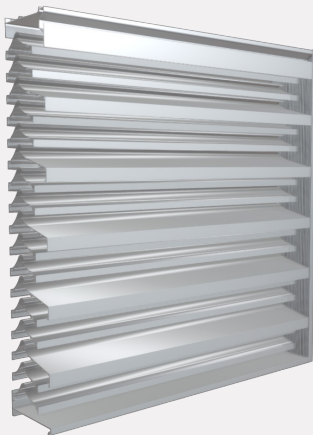
- Tested wall system
- Provides water, vapor, and air barrier
- High R-value - 2" and 3" thick panels
- Thermally broken
- Continuous front blades
- Inactive areas are visually indistinguishable from active areas
- High performance CS Vertical Storm-Resistant Louvers provide superior air and water performance in active areas
- Complies with AMCA-550/540 in active areas



# Single Skin Integration

## B-7505 & B-6485 Louvers + Super-Rib

For high-performance louver systems that maintain a consistent look across the building envelope, CENTRIA's single-skin profiles like Super-Rib give architects and designers the freedom to match panel profiles, control sightlines, and achieve a unified aesthetic without compromising functionality.



### Features

- Select CS Bold Line B-7505 or B-6485 if you want to match the reveal of the louver blades with the bump-out of the CENTRIA Super-Rib Panel
- Single-source coordinated shop drawing submittals
- Tested to meet AMCA and BSRIA test standards
- Finished in any CENTRIA Prismatic or Sundance Series colors
- Physical mock-ups can be provided

# PL-5700 Perform Louvers with

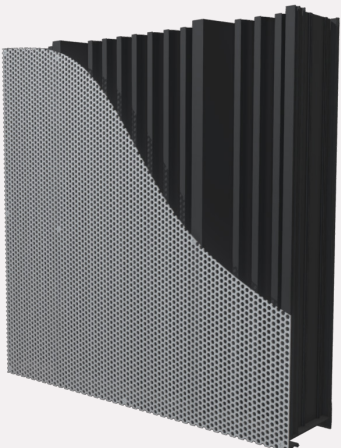
## CENTRIA CS-660 Concept Series Perf

To carry design intent across active and inactive areas, CENTRIA perforated screens can be installed in front of CS louvers. This creates a clean, uninterrupted facade while concealing mechanical openings and maintaining critical airflow.



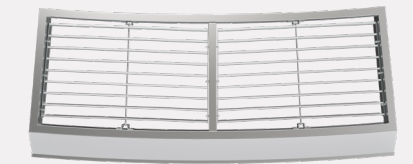
### Features

- Use the desired CENTRIA perforated sheet and have fully-functional storm-resistant louver blades set behind in active areas
- CS can match CENTRIA colors
- CS can test combinations of perf + louver to get job-specific performance for mechanical considerations



# Sun Controls with CENTRIA Formawall Dimension Series® Panel and Formavue windows

**Project:** Mission College Gilmore Center  
**Location:** Santa Clara, CA  
**Products:** Cantilevered Sunshades



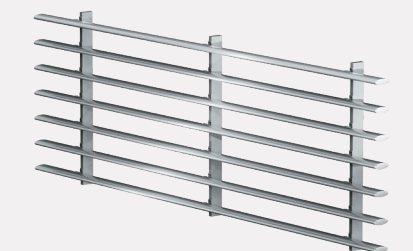
Cantilevered Sunshades



Suspended Sunshades



Framed Sunshades



Frameless Sunshades

CS Integrated Sun Controls reduce heat, glare, and energy costs. These sun controls are pre-designed for easy integration with CENTRIA Formawall Dimension Series panels and Formavue windows.

Specially designed aluminum castings provide a seamless, thermally broken connection that keeps the Dimension Series panel's thermal, air and vapor barriers intact to provide complete air and water resistance. Specialized sunshade brackets also integrate and work with CENTRIA's Formavue windows. The brackets allow for connection directly to the window mullions and are designed to meet the building's specific wind and snow loads.

## Features

- Fully integrated with Formawall Dimension Series panels, sealing systems, and thru tube structural supports
- Single-source responsibility
- Specially designed integral connections
- Available in a wide range of blades, styles, and fascias
- Proven performance from Construction Specialties, a world leader and innovator in passive solar control
- Span up to 10' wide and cantilever up to 5' off the building
- Blades can be vertically or horizontally oriented for Framed & Frameless systems



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