

# CW2500 SERIES CURTAINWALL

## 2 1/2" FACE CURTAINWALL

The CW2500 series curtainwall frame is recommended for use as an exterior glazed, thermally improved system. This curtainwall system allows for each window unit to weep individually. The overall frame depth can vary from 3 3/4" to 11 3/4" by utilizing different snap covers and back members. The CW2500 series curtainwall frame has a 2 1/2" face width and is typically specified for medium rise applications. This curtainwall incorporates our thermally broken subframe allowing us to install our heavy-duty doorstop at all door openings. This subframe can also employ our dual finish options to match any dual finish options selected on the curtainwall framing. Cross Aluminum frames come with our standard ten (10) year warranty on materials and workmanship.



## CW2500 FEATURES



**MaintenanceFree-** All framing comes with our standard 10 year warranty.



**RetroFit-** Framing can replace any existing opening and improve efficiency.



**Dual Finish-** Frame Systems can have alternate finishes from exterior to interior.



**CustomIntegration-** Configurations to match architectural decor of building.



**SecureGlaze-** Extruded non-removable interior glass stops.



**Therma Bar-** Thermal I-Strut™ mechanically attached to thermal extrusions.



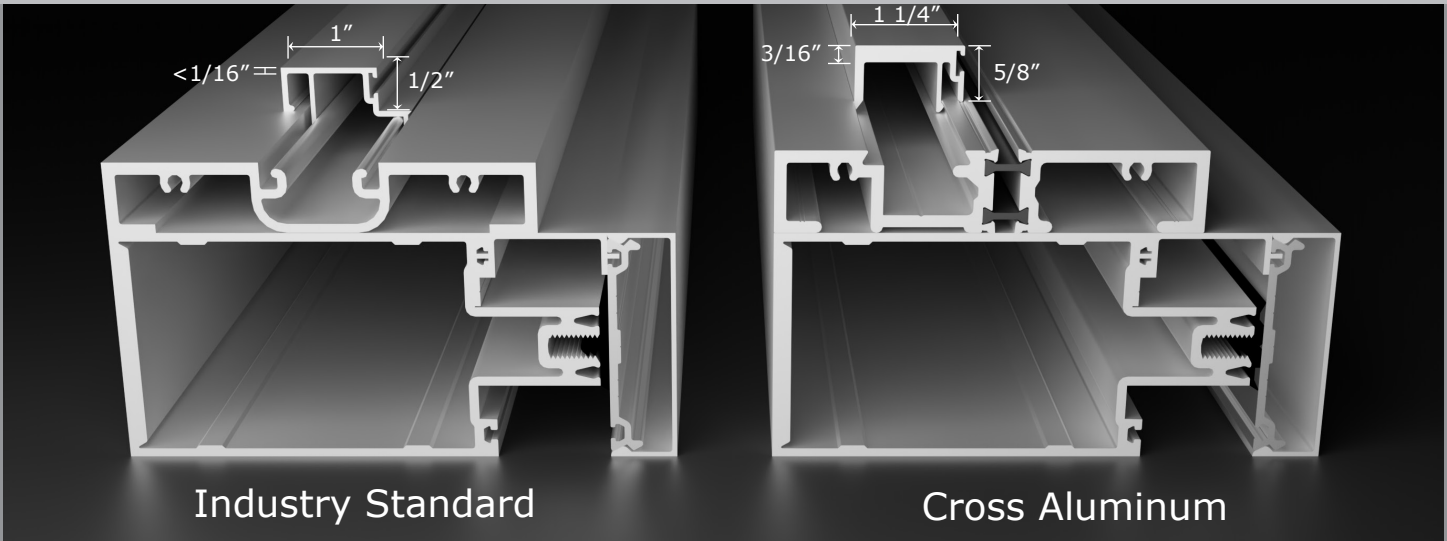
**EcoFriendly-** Secondary billet, acid-etch anodizing, and zero VOC emissions painting.

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## CROSS ALUMINUM DIFFERENCE

Cross Aluminum's heavy-duty door stop was introduced as a means to deal with a couple common problems after doors are installed. The taller height allows for a better seal around the door opening perimeter. The thicker wall provides the strength required for closer parallel arm brackets and rim strikes to be mounted worry-free for years after installation.



### General Composition

- Aluminum Extrusions to be 6063-T5.
- Face widths are 2 1/2".
- Overall Frame Depths range from 3 3/4" to 11 3/4".
- Frame wall thicknesses are 1/8".
- Subframes depths are 4 1/2".
- Subframe face width is 7/8".
- Thermal breaks are mechanically bonded polyimide 66 struts.
- Curtainwall frame assembly uses shear blocks and pressure plate fasteners are concealed with cover plates.

### Glazing and Glass

- Glass is glazed towards front of extrusion.
- Pressure plate installation with independent window weepage.
- Interior glass stops are fixed and are part of the extrusion design.
- EPDM gasket recommended and provided.
- Glass infill 1/8" through 1".

### Versatility

- Curtainwall units are built to match unlimited building designs.
- Horizontal locations can be adjusted to any location necessary to meet individual preference, building design, and specs.
- Dual finish options available to change interior finish from exterior finish.
- Subframes are thermally broken and dual finish options are also available.
- Various snap covers and back members available to accommodate building requirements.

### Finishes

- Available in standard Class I and Class II anodized finishes.
- Kynar painted fluoropolymer finishes with 10 year warranties. AAMA 2605
- Decoral® wood grain options available.
- Color charts and warranties on finishes are available on request.

### Tests:

AAMA 501.1 Dynamic Pressure Water Resistance  
AAMA 501.4 Interstory Horizontal Displacement  
AAMA 1503 Thermal Transmittance  
ASTM E 283 Air Infiltration  
ASTM E 330 Uniform Load Structural  
ASTM E 331 Static Water Resistance  
ASTM E 90 Sound Transmission Class



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