ATLAS
ARCHITECTURAL METALS INC.

Storefront Systems







atlasarchmetals.com

ARCHITECTURAL METALS INC.

1000 Series
Storefront System





1000 Series

Storefront System

1-3/4” X 4-1/2” Flush Glaze

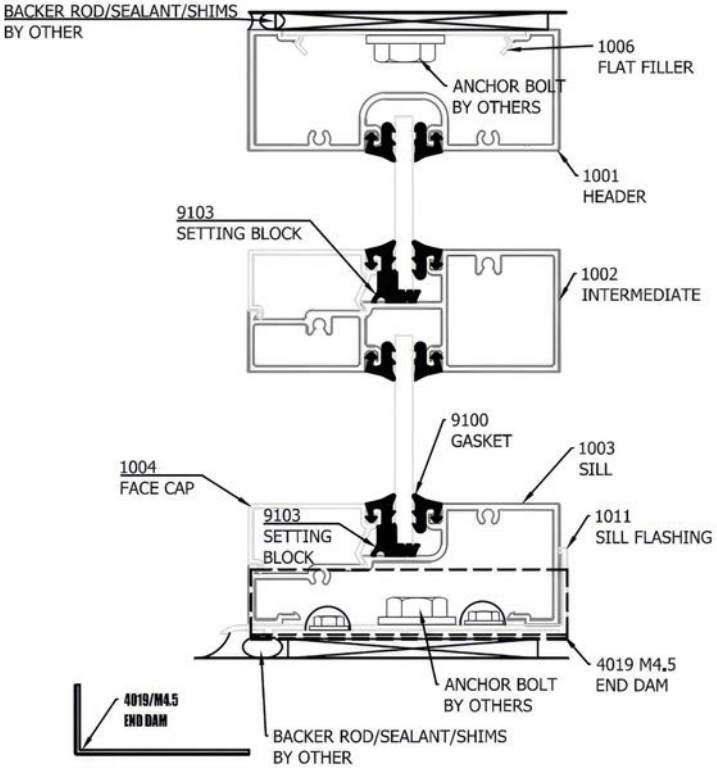
1000 Series Storefront System

The Atlas 1000 Series is an economical flush-glazed storefront system designed to provide clean aesthetics, dependable performance, and installation efficiency. With a narrow 1-3/4” sightline, screw spline assembly, and multiple glazing options, the system is ideal for a variety of commercial applications requiring both value and durability.

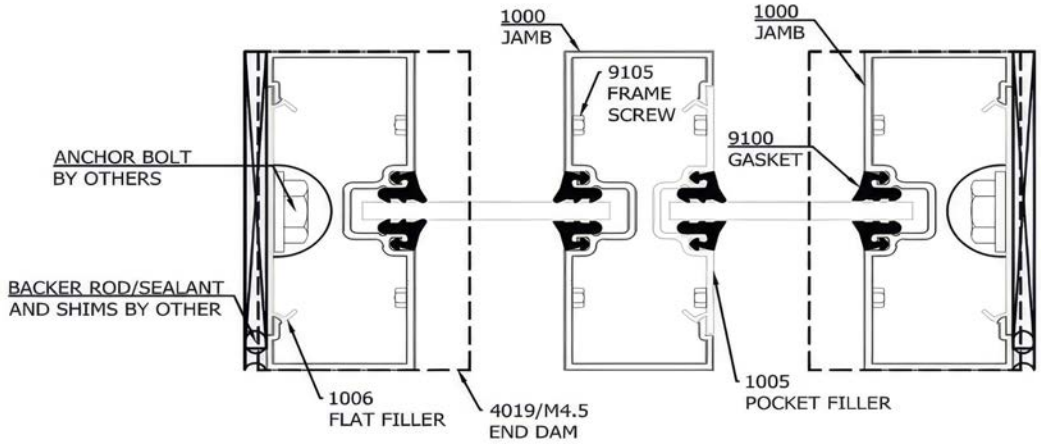
Simple. Reliable. Cost-Effective. Atlas built.

Features

- Slim 1-3/4” sightline for enhanced glass visibility
- 4-1/2” system depth
- Accommodates 1/4”, 3/8”, and 1/2” glazing
- Screw spline assembly for efficient fabrication
- Durable aluminum construction
- Clean flush-glazed appearance
- Suitable for new construction and retrofit applications
- Available in anodized and painted finishes
- Cost-effective commercial storefront solution







Finished Available	Bronze Anodize
	Black Anodize
	Clear Anodize
	Powder Coat and Kynar (PVDF)
Sight Profile:	1-3/4”
System Depth:	4-1/2”
Glazing Thickness:	1/4”, 3/8”, 1/2”

INFORMATION

Entrances shall be Shadow Custom Narrow Stile Door Frames as manufactured by ATLAS Architectural Metals, Inc. Houston, TX. As shown on architectural details.

SPECIFICATIONS

I. GENERAL:

DESCRIPTION

Work included: Furnish all necessary materials, labor and equipment for the complete installation of aluminum framing as shown on the drawings and specified herein. (Specifier Note: It is suggested that related items such as glass, sealants and aluminum entrances be included whenever possible.)
Work NOT included: Structural support of the framing system, interior closures, trim, metal sub-sills.
(Specifier list other exclusions).
Related Work Specified Elsewhere: (Specifier list)

QUALITY ASSURANCE:

Drawings and specifications are based upon the 1 3/4" X 4-1/2" Flush Glaze system as manufactured by the Atlas Architectural Metals, Inc.. Whenever substitute products are to be considered, supporting technical literature, samples, drawings and performance data must be submitted in ten (10) days prior to bid in order to make a valid comparison of the products involved. Test reports certified by an independent test laboratory must be made available upon request.

PERFORMANCE REQUIREMENTS:

Air infiltration shall be tested in accordance with ASTM E 283 infiltration shall not exceed 0.06 CFM per square foot of fixed area. Water infiltration shall be tested in accordance with ASTM E 331. No water penetration at test pressure equal to 10% of the wind load, nut not less than 2.86 PSF. (AAMA 1.07.6.F)
Structural performance shall be used on:

*Maximum deflection to 1/175 of the span and...
* Allowable stress with a safety factor of 1.65.
The system shall perform to these criteria under a wind load of (Specify)_____ PSF.

II. PRODUCTS:

MATERIALS

Extrusions shall be 6063-T5 alloy and temper (ASTM B221 alloy G.S.10A-T5). Fasteners, where exposed, shall be aluminum,stainless steel or zinc plated steel in accordance with ASTM A 164. Perimeter anchors shall be aluminum or steel, providing the steel is properly isolated from the aluminum. Glazing gaskets shall be E P D M OR PVC extrusions. Single acting entrance frames shall include a pile weather-strip which will also provide a cushioning effect.

FINISH

All exposed framing surfaces shall be free of scratches and other serious blemishes. Aluminum moldings be given a caustic etch followed by an anodic oxide treatment to obtain... (Specify on of the following).

...an Architectural Dark Bronze Class II anodic coating with color conforming to Aluminum Association Standard AA-M10 C22 A31, 0.4 Mil thick.
...an Architectural 204-R1 Anodic coating conforming to Aluminum Association Standard AA-M10 C22 A31, 0.4 Mil thick.

FABRICATION

The framing system shall provide for flush glazing on all sides with no projecting stops. Vertical and horizontal framing members shall have a nominal face dimension of 1-3/4". Overall depth shall be 4-1/2" with a 5/8" glass pocket width. Entrance framing members shall be compatible with glass framing in appearance.

II. EXECUTION :

INSTALLATION

All glass framing shall be set in correct locations as shown in the details and shall be level, square, plumb and in alignment with other work in accordance with the manufacturer's installation instructions and approved shop drawings. All joints between framing and the building structure shall be sealed in order to secure a watertight installation entrance frames shall include a pile weather-strip which will also provide a cushioning effect.

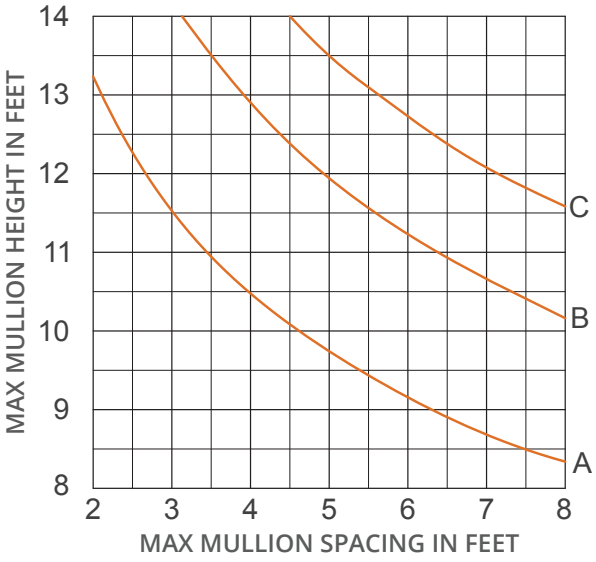
PROTECTION AND CLEANING

After installation, the General Contractor shall adequately protect exposed portions of aluminum surfaces from damage by grinding and polishing compounds, plaster, lime, acid, cement, or other contaminants. The General Contractor shall be responsible for final cleaning.

Wind Load Chart

The following charts are based on uniform wind load of 20 PSF and an allowable deflection of L/175, where L= Span length in inches. They are also based on use of 6063-T5 aluminum extrusions and A-36 steel, where steel reinforcing is indicated. These charts apply when shapes are used as vertical mullions only and do not apply when members are used as horizontals. To obtain allowable Span (in inches) for any loading other than 20 PSF, multiply the span length (in inches) obtained from the chart by the following factors. 9098= A-36 steel reinforcement.

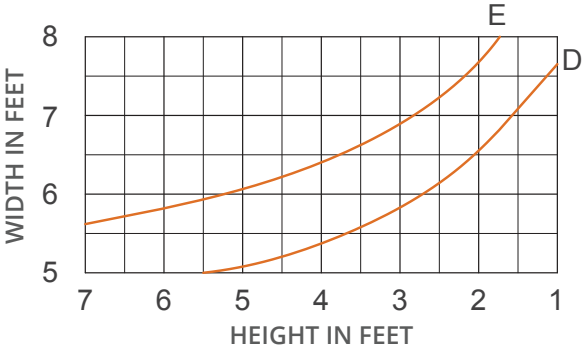
LOAD	FACTOR
15 PSF	1.10064
25 PSF	.92832
30 PSF	.87358
35 PSF	.82983
40 PSF	.79370



SECTION VALUES			
GRAPH	PART NUMBER	Ixx IN.^{4}	Sxx IN.^{3}
A	1000, 1005	3.026	1.345
B	1000, 1005, 9098	5.561	2.471
C	1000, 1005, (2)9098	8.096	3.598

Dead Load Chart

Horizontal or Dead Load limitations are based upon 1/8" (1/16" for transom bars), maximum allowable deflection at the center of an intermediate horizontal member. The accompanying charts are calculated for the glass to be rested upon two setting blocks positioned at 1/4 points, or one fourth of the member's length as measured from each end.

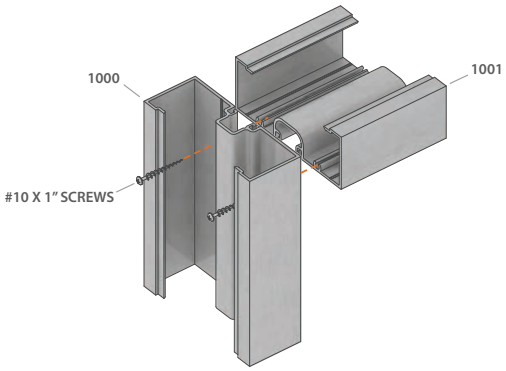


SECTION VALUES				
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E	.125	1002	.441	.436

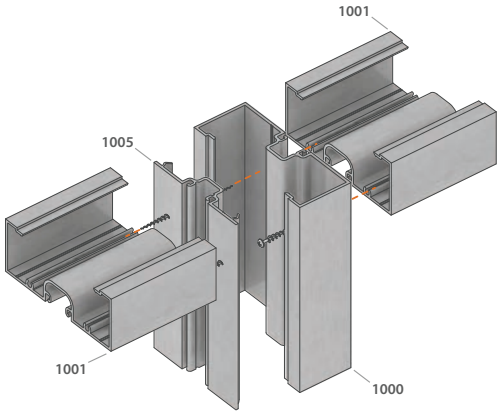
4-1/2” Flush Glaze 1/4” Pocket
1000 Series / Assembly

ARCHITECTURAL METALS INC.

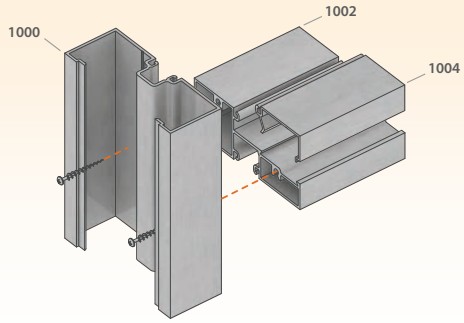
HEAD & JAMB



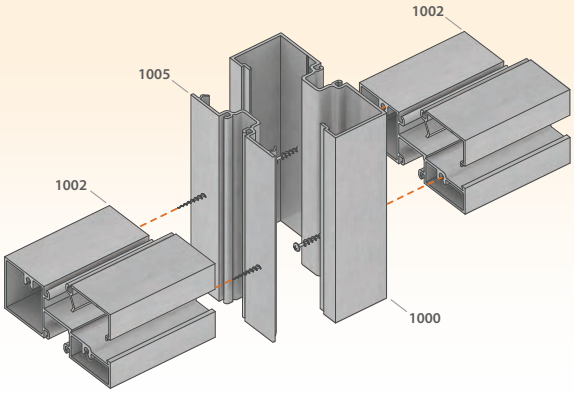
HEAD & VERTICAL



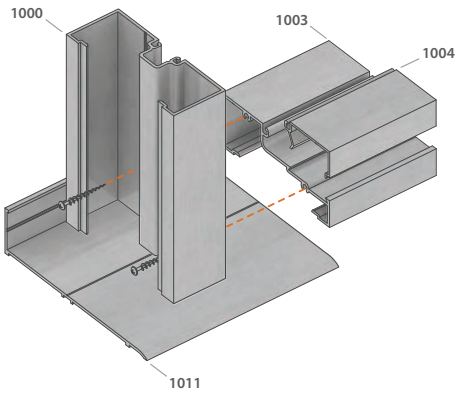
HORIZONTAL & VERTICAL



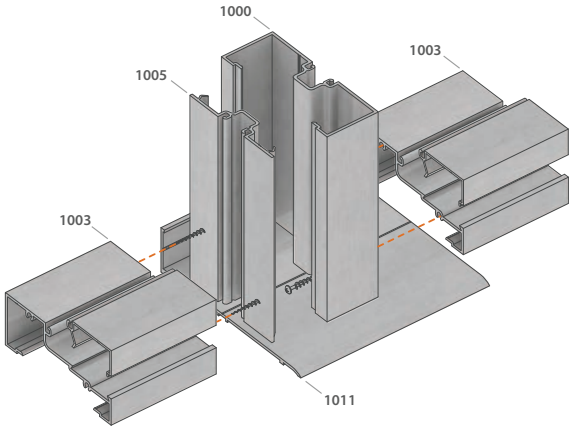
HORIZONTAL & JAMB



STILL & JAMB



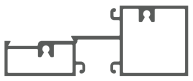
STILL & VERTICAL



ARCHITECTURAL METALS INC.

1000 Series

4-1/2” Flush Glaze 1/4” Pocket

ITEM	DESCRIPTION	STOCK LENGTH	FINISH		
 1000	4-1/2” X 1-3/4” JAMB (VERTICAL) MATES WITH 1005, 1006, 1007, 1008	24’ 1”	CLEAR	BRONZE	BLACK
 1001	4-1/2” X 1-3/4” HEADER (HORIZONTAL TOP) MATES WITH 1005, 1006, 1007, 1008	24’ 2”	CLEAR	BRONZE	BLACK
 1002	4-1/2” X 1-3/4” INTERMEDIATE (HORIZONTAL) MATES WITH 1004, 1007, 1008	24’ 2”	CLEAR	BRONZE	BLACK
 1003	4-1/2” X 1-3/4” SILL (HORIZONTAL BASE) MATES WITH 1004, 1005, 1006, 1007	24’ 1”	CLEAR	BRONZE	BLACK
 1004	FACE CAP MATES WITH 1002, 1003	24’ 2”	CLEAR	BRONZE	BLACK
 1005	POCKET FILLER MATES WITH 1000, 1001, 1003, 1007	24’ 1”	CLEAR	BRONZE	BLACK
 1006	1006/PBOX PLASTIC FLAT FILLER (10 PCS PER BOX)	12’ 0”	CLEAR	BRONZE	BLACK
	FLAT FILLER MATES WITH 1000, 1001, 1003	24’ 1”	CLEAR	BRONZE	BLACK
 1007	SNAP INFILL GLAZING POCKET FILLER MATES WITH 1000, 1001, 1002, 1003, 1005	24’ 1”	CLEAR	BRONZE	BLACK

ATLAS
ARCHITECTURAL METALS INC.

1000 Series

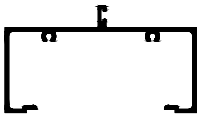
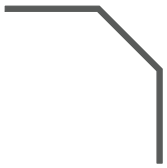
4-1/2” Flush Glaze 1/4” Pocket

ITEM	DESCRIPTION	STOCK LENGTH	FINISH		
 1008	DOOR STOP MATES WITH 1000, 1001, 1002, 1005	24’ 2”	CLEAR	BRONZE	BLACK
 1009	1-3/4” X 4-1/2” RECTANGULAR TUBE	24’ 1”	CLEAR	BRONZE	BLACK
 1010	HEAD RECEPTOR 4-1/2” SYSTEM	24’ 1”	CLEAR	BRONZE	BLACK
 1011	SILL FLASHING	24’ 1”	CLEAR	BRONZE	BLACK
 1012	1” SUB-FRAME JAMB MATES WITH 1008 & 1007	21 8”	CLEAR	BRONZE	BLACK
 1013	1” SUB-FRAME HEADER MATES WITH 1008 & 1007	21’ 8”	CLEAR	BRONZE	BLACK
 3302	1/4” SASH FRAME	24’ 1”	CLEAR	BRONZE	BLACK
 3301	1” SASH FRAME	24’ 1”	CLEAR	BRONZE	BLACK
 3306	SASH FACE CAP	24’ 1”	CLEAR	BRONZE	BLACK

ARCHITECTURAL METALS INC.

1000 Series

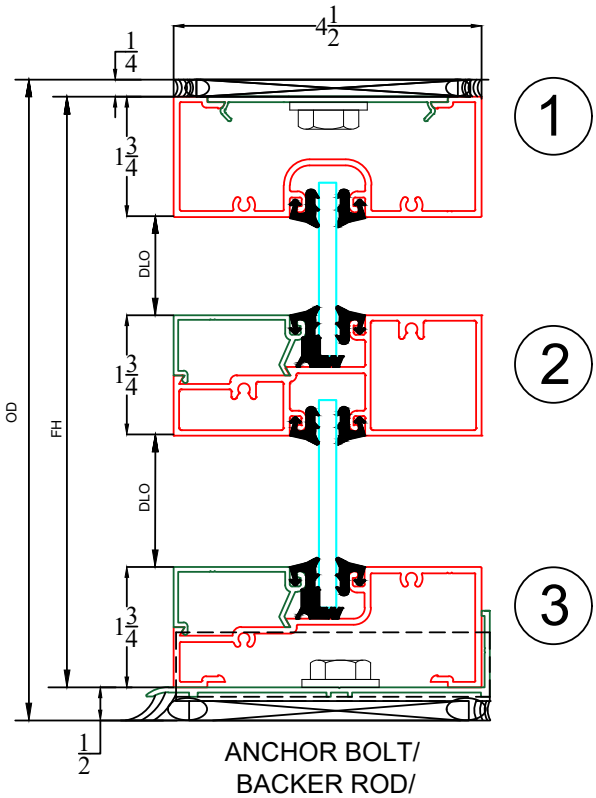
4-1/2” Flush Glaze 1/4” Pocket

ITEM	DESCRIPTION	STOCK LENGTH	FINISH		
 3307	HEADER W/FIN	24’ 1”	CLEAR	BRONZE	BLACK
 3308	DOOR STOP W/FIN	24’ 1”	CLEAR	BRONZE	BLACK
 1015	1015/M0175 1/4” WATER DIVERTER 25 PCS	5/8”			MILL
 4019	4019/M4.5 1”X2.5” END DAM 25 PCS 450, 2000T, 2000,1000, 600 SERIES	4 1/2”			MILL

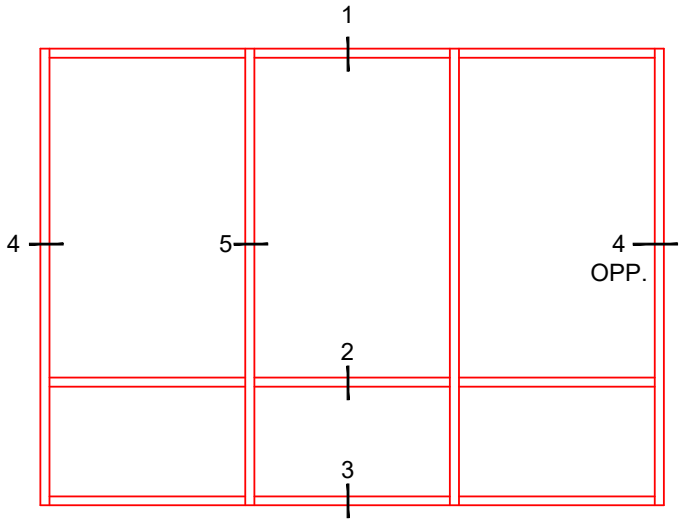
ARCHITECTURAL METALS INC.

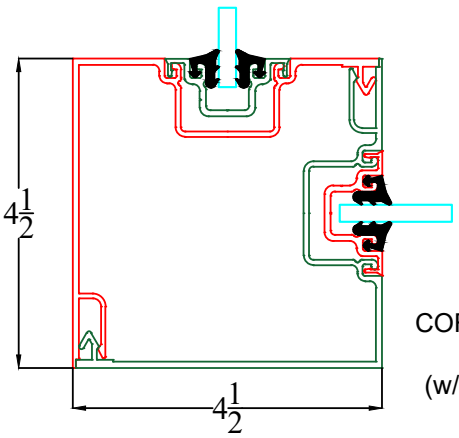
1-3/4" X 4-1/2" 1000 Series System

(1/4" Glazing)

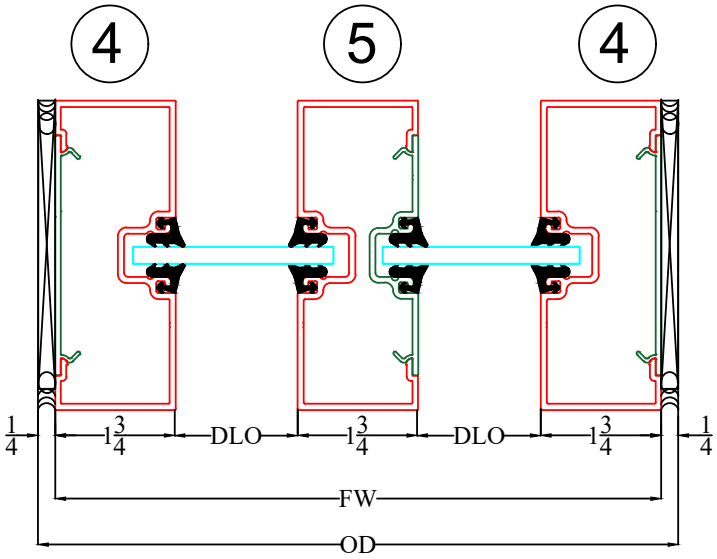


ANCHOR BOLT/
BACKER ROD/
SEALANT AND
SHIMS BY OTHERS.





CORNER POST
DETAIL
(w/REDUCER)



ATLAS
ARCHITECTURAL METALS INC.

2000 Series
Storefront System





2000 Series

Storefront System

(Non-Thermal) 2” X 4-1/2” Flush Glaze

2000 Series Storefront System

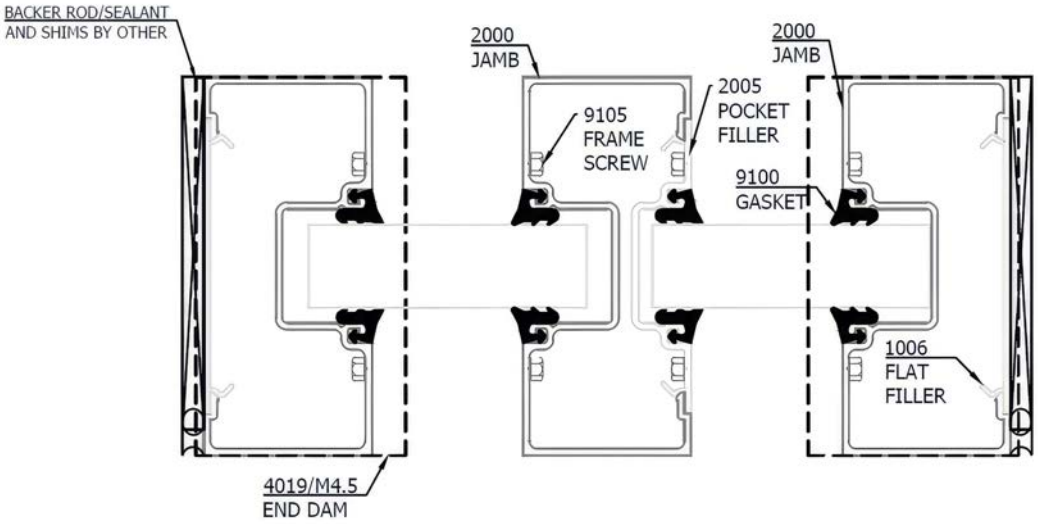
The Atlas 2000 Series is a center-set storefront system engineered to provide an ideal balance of performance, appearance, and value. Designed for 1” insulated glazing, the system offers durable construction, streamlined fabrication, and a clean architectural profile suitable for a wide variety of commercial applications.

With screw spline assembly, standard glazing components, and multiple finish options, the 2000 Series delivers dependable performance and installation efficiency from project start to completion.

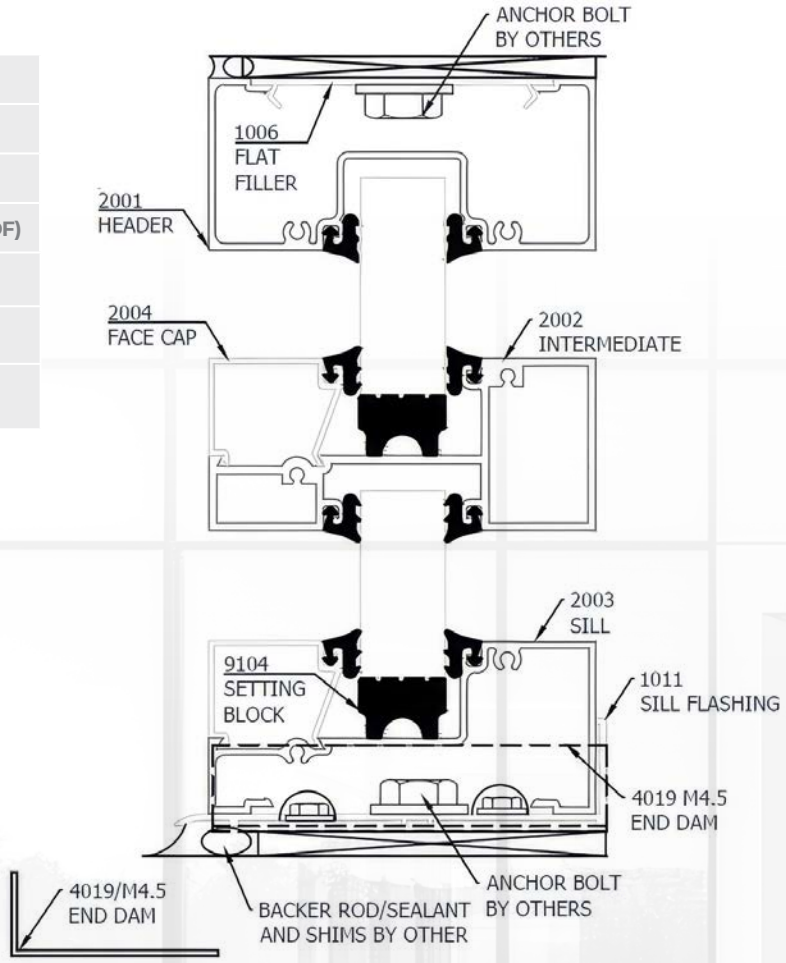
Simple. Reliable. Cost-Effective. Atlas built.

Features

- 2” sightline for a clean architectural appearance
- 4-1/2” frame depth
- Accommodates 1” insulated glass units
- Center-set screw spline construction
- Compatible with Atlas standard glazing components
- Durable EPDM gasket system
- Easy fabrication and installation
- Ideal for new construction and renovation projects
- Available in anodized and painted finishes



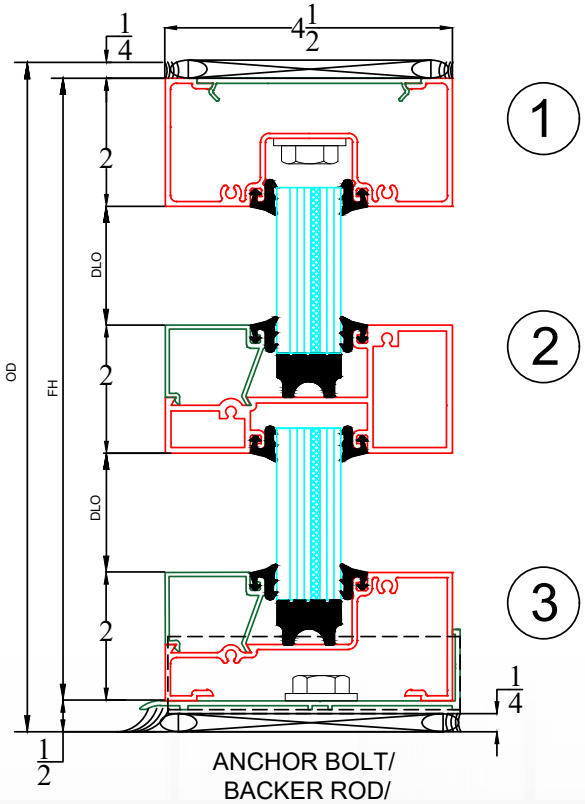
Finished Available	Clear
	Bronze
	Black Anodize
	Powder Coat and Kynar (PVDF)
Sight Profile:	2”
System Depth:	4-1/2”
Glazing Thickness:	1/4”



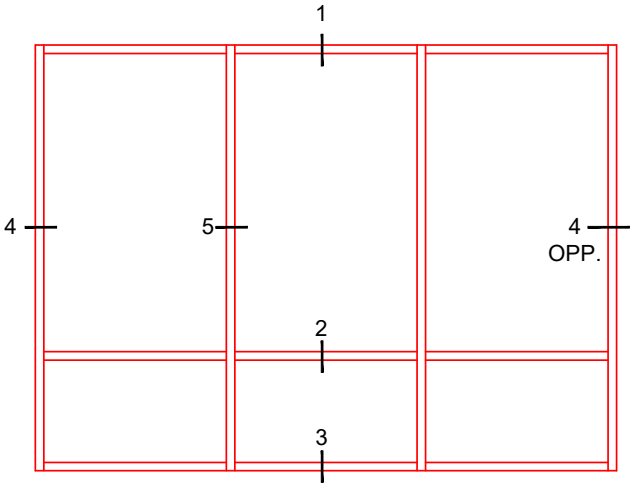
ARCHITECTURAL METALS INC.

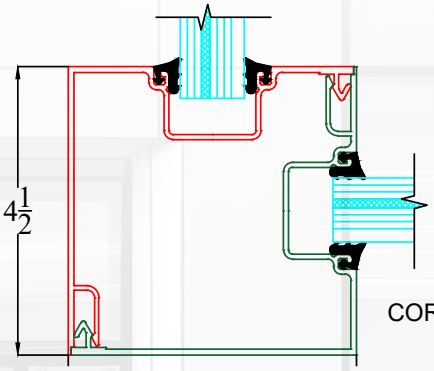
2" X 4-1/2" 2000 Series System

(1" Glazing)

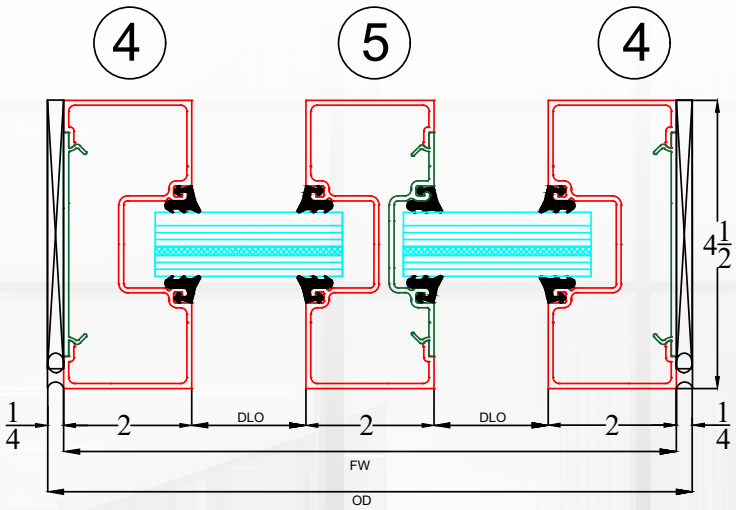


ANCHOR BOLT/
BACKER ROD/
SEALANT AND
SHIMS BY OTHERS.





CORNER POST
DETAIL



4-1/2” Flush Glaze for 1” Glaze

2000 Series

Information & specifications

INFORMATION

Entrances shall be Shadow Custom Narrow Stile Door Frames as manufactured by ATLAS Architectural Metals, Inc. Houston, Texas. As shown on architectural details.

SPECIFICATIONS

I. GENERAL:

DESCRIPTION

Work included: Furnish all necessary materials, labor and equipment for the complete installation of aluminum framing as shown on the drawings and specified herein. (Specifier Note: It is suggested that related items such as glass, sealants and aluminum entrances be included whenever possible.)
Work NOT included: Structural support of the framing system, interior closures, trim, metal sub-sills.
(Specifier list other exclusions).
Related Work Specified Elsewhere: (Specifier list)

QUALITY ASSURANCE:

Drawings and specifications are based upon the 2” x 4-1/2” Flush Glaze system as manufactured by the Atlas Architectural Metals, Inc.. Whenever substitute products are to be considered, supporting technical literature, samples, drawings and performance data must be submitted in ten (10) days prior to bid in order to make a valid comparison of the products involved. Test reports certified by an independent test laboratory must be made available upon request.

PERFORMANCE REQUIREMENTS:

Air infiltration shall be tested in accordance with ASTM E 283 infiltration shall not exceed 0.06 CFM per square foot of fixed area. Water infiltration shall be tested in accordance with ASTM E 331.No water penetration at test pressure equal to 10% of the wind load, nut not less than 2.86 PSF. (AAMA 1.07.6.F)
Structural performance shall be used on:

*Maximum deflection to 1/175 of the span and...
* Allowable stress with a safety factor of 1.65.
The system shall perform to these criteria under a wind load of (Specify)_____ PSF.

II. PRODUCTS:

MATERIALS

Extrusions shall be 6063-T5 alloy and temper (ASTM B221 alloy G.S.10A-T5). Fasteners, where exposed, shall be aluminum,stainless steel or zinc plated steel in accordance with ASTM A 164. Perimeter anchors shall be aluminum or steel, providing the steel is properly isolated from the aluminum. Glazing gaskets shall be E P D M OR PVC extrusions. Single acting entrance frames shall include a pile weather-strip which will also provide a cushioning effect.

FINISH

All exposed framing surfaces shall be free of scratches and other serious blemishes. Aluminum moldings be given a caustic etch followed by an anodic oxide treatment to obtain... (Specify on of the following).

...an Architectural Dark Bronze Class II anodic coating with color conforming to Aluminum Association Standard AA-M10 C22 A31, 0.4 Mil thick.
...an Architectural 204-R1 Anodic coating conforming to Aluminum Association Standard AA-M10 C22 A31, 0.4 Mil thick.

FABRICATION

The framing system shall provide for flush glazing on all sides with no projecting stops. Vertical and horizontal framing members shall have a nominal face dimension of 2”. Overall depth shall be 4-1/2” with a 1-3/8” glass pocket width. Entrance framing members shall be compatible with glass framing in appearance.

II. EXECUTION :

INSTALLATION

All glass framing shall be set in correct locations as shown in the details and shall be level, square, plumb and in alignment with other work in accordance with the manufacturer’s installation instructions and approved shop drawings. All joints between framing and the building structure shall be sealed in order to secure a watertight installation entrance frames shall include a pile weather-strip which will also provide a cushioning effect.

PROTECTION AND CLEANING

After installation, the General Contractor shall adequately protect exposed portions of aluminum surfaces from damage by grinding and polishing compounds, plaster, lime, acid, cement, or other contaminants. The General Contractor shall be responsible for final cleaning.

4-1/2” Flush Glaze for 1” Glaze

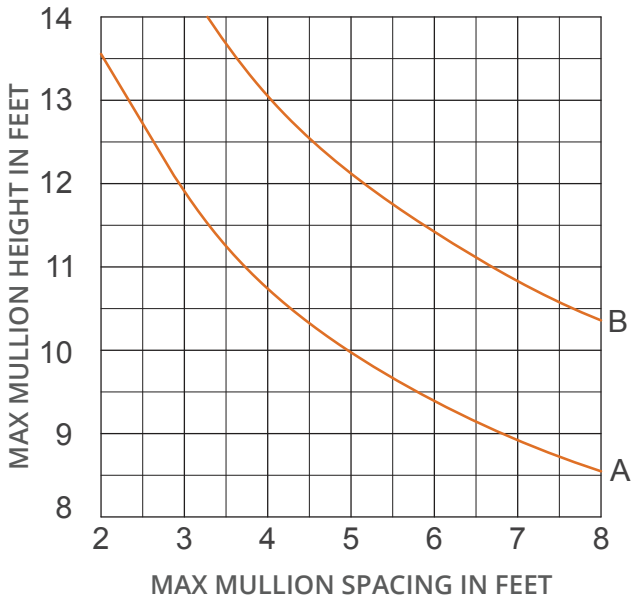
2000 Series

Wind load and Dead load Charts

Wind Load Chart

The following charts are based on uniform wind load of 20 PSF and an allowable deflection of L/175, where L= Span length in inches. They are also based on use of 6063-T5 aluminum extrusions and A-36 steel, where steel reinforcing is indicated. These charts apply when shapes are used as vertical mullions only and do not apply when members are used as horizontals. To obtain allowable span (in inches) for any loading other than 20 PSF, multiply the span length (in inches) obtained from the chart by the following factors. 9098= A-36 steel reinforcement.

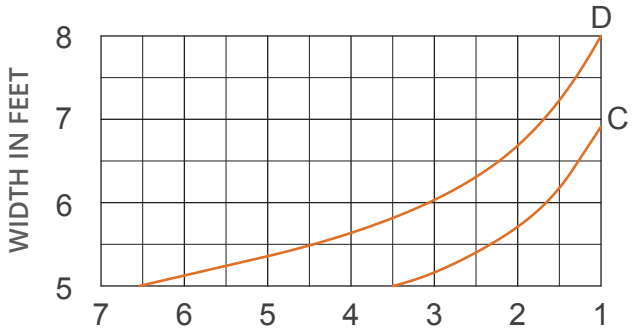
LOAD	FACTOR
15 PSF	1.10064
25 PSF	.92832
30 PSF	.87358
35 PSF	.82983
40 PSF	.79370



SECTION VALUES			
GRAPH	PART NUMBER	Ixx IN.^{4}	Sxx IN.^{3}
A	2000, 2005	3.288	1.818
B	2000, 2005, 9098	5.823	3.047

Dead Load Chart

Horizontal or dead load limitations are based upon 1/8” (1/16” for transom bars), maximum allowable deflection at the center of an intermediate horizontal member. The accompanying charts are calculated for the glass to be rested upon two setting blocks positioned at 1/4 points, or one fourth of the member’s length as measured from each end.

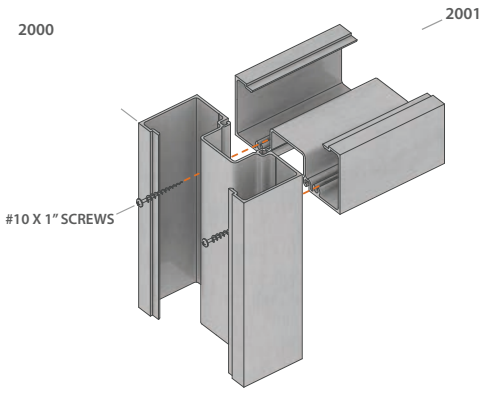


SECTION VALUES				
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D	.125	2004	.527	.444

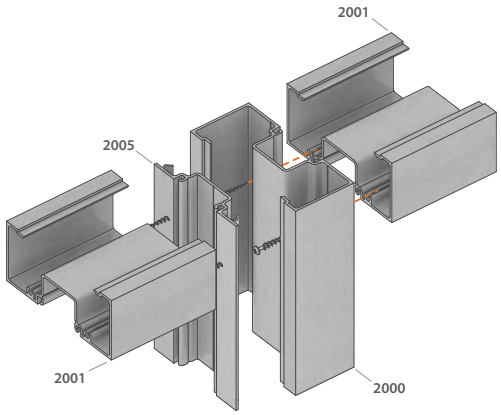
ARCHITECTURAL METALS INC.

4-1/2” Flush Glaze 1” Pocket
2000 Series / Assembly

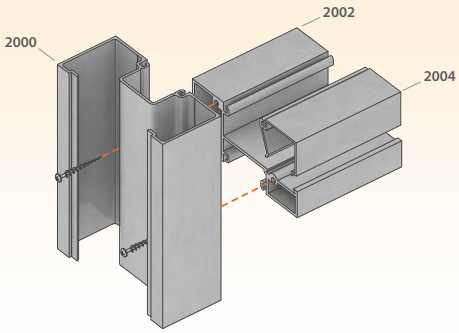
HEAD & JAMB



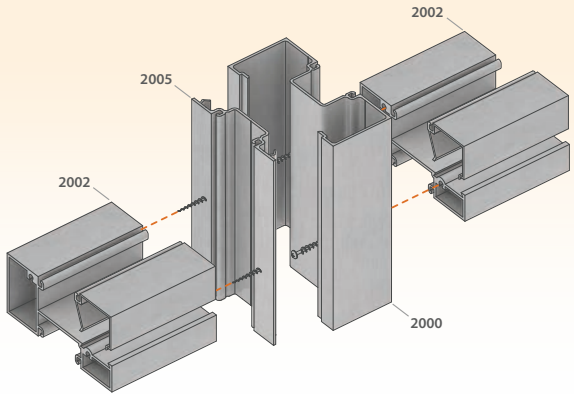
HEAD & VERTICAL



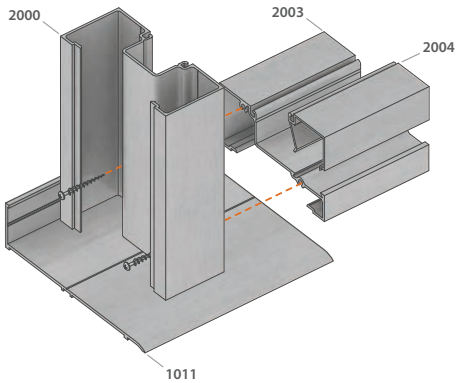
HORIZONTAL & VERTICAL



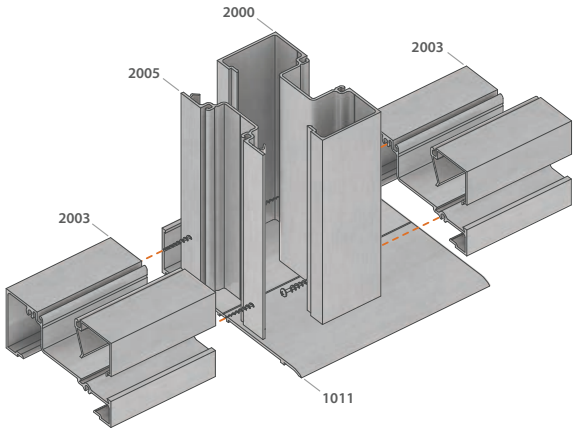
HORIZONTAL & JAMB



STILL & JAMB



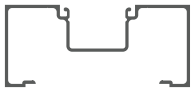
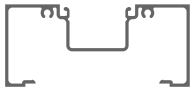
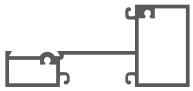
STILL & VERTICAL



ATLAS
ARCHITECTURAL METALS INC.

2000 Series

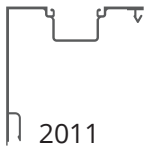
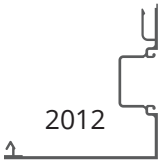
4-1/2” Flush Glaze 1” Pocket

ITEM	DESCRIPTION	STOCK LENGTH	FINISH		
 2000	2” X 4-1/2” JAMB (VERTICAL) MATES WITH 1006, 2005, 2007, 2008	24’ 1”	CLEAR	BRONZE	BLACK
 2001	2” X 4-1/2” HEADER (HORIZONTAL TOP) MATES WITH 1006, 2005, 2007, 2008	24’ 1”	CLEAR	BRONZE	BLACK
 2002	2” X 4-1/2” INTERMEDIATE (HORIZONTAL) MATES WITH 2004, 2007, 2008	24’ 1”	CLEAR	BRONZE	BLACK
 2003	2” X 4-1/2” SILL (HORIZONTAL BASE) MATES WITH 1006, 2004, 2005, 2007	24’ 1”	CLEAR	BRONZE	BLACK
 2004	FACE CAP MATES WITH 2002, 2003 AND 2002T, 2003T	24’ 1”	CLEAR	BRONZE	BLACK
 2005	POCKET FILLER MATES WITH 2000, 2001, 2003, 2007	24’ 1”	CLEAR	BRONZE	BLACK
 1006	1006/PBOX	2’ 0”	CLEAR	BRONZE	BLACK
	FLAT FILLER MATES WITH 2000, 2001, 2003	24’ 1”	CLEAR	BRONZE	BLACK
2007	SNAP INFILL GLAZING POCKET FILLER MATES WITH 2000, 2001, 2002, 2003, 2005 AND 2000T SERIES	24’ 1”	CLEAR	BRONZE	BLACK

ARCHITECTURAL METALS INC.

2000 Series

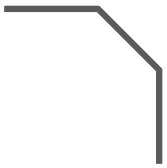
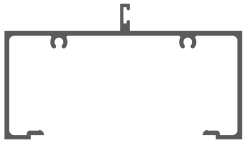
4-1/2” Flush Glaze 1” Pocket

ITEM	DESCRIPTION	STOCK LENGTH	FINISH		
 2008	DOOR STOP MATES WITH 2000, 2001, 2002, 2005 AND 2000T SERIES	24’ 1”	CLEAR	BRONZE	BLACK
 2009	RECTANGULAR TUBE 4-1/2” X 2”	24’ 1”	CLEAR	BRONZE	BLACK
 1010	HEAD RECEPTOR 4-1/2” SYSTEM	24’ 1”	CLEAR	BRONZE	BLACK
 1011	SILL FLASHING	24’ 1”	CLEAR	BRONZE	BLACK
 2016	1/4” REDUCER FOR 1” POCKET	24’ 1”	CLEAR	BRONZE	BLACK
 2010	1/4” REDUCER FOR CORNER POST	24’ 1”	CLEAR	BRONZE	BLACK
 2011	CORNER POST 4-1/2” X 4-1/2”	24’ 1”	CLEAR	BRONZE	BLACK
 2012	CORNER POST 4-1/2” X 4-1/2”	24’ 1”	CLEAR	BRONZE	BLACK
 8808	DOOR STOP FOR 2” THICK DOOR MATES WITH 2000, 2001, 2002, 2005 AND 2000T SERIES	24’ 1”	CLEAR	BRONZE	

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ARCHITECTURAL METALS INC.

2000 Series

4-1/2” Flush Glaze 1” Pocket

ITEM	DESCRIPTION	STOCK LENGTH	FINISH		
 2015	2015/M0200 1” WATER DIVERTER	1 3/8”			MILL
 2017	2017/B289 EXPANSION MULLION-A	24’ 1”	CLEAR	BRONZE	BLACK
	2017/C289 EXPANSION MULLION-A				
	2017/D289 EXPANSION MULLION-A				
 2018	2018/B289 EXPANSION MULLION-B	24’ 1”	CLEAR	BRONZE	BLACK
	2018/C289 EXPANSION MULLION-B				
	2018/D289 EXPANSION MULLION-B				
 2019	HEADER W/FIN	24’ 1”	CLEAR	BRONZE	BLACK
 2020	DOOR STOP W/FIN	24’ 1”	CLEAR	BRONZE	BLACK



ARCHITECTURAL METALS INC.

2000T Series
Storefront System



2000T Series

Storefront System

(Thermal) 2” X 4-1/2” Flush Glaze

2000T Series Thermal Storefront

The Atlas 2000T Series is a thermally improved storefront system designed to deliver enhanced energy performance without sacrificing durability or appearance. Utilizing advanced thermal barrier technology and accommodating 1” insulated glazing, the 2000T helps reduce heat transfer while providing the fabrication efficiency and long-term reliability trusted by glazing contractors and architects alike.

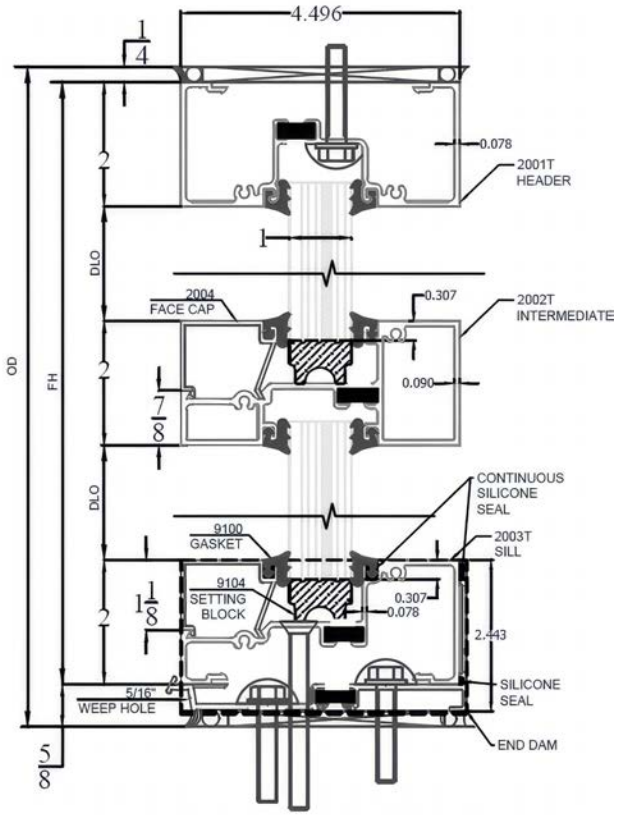
Simple. Reliable. Cost-Effective. Atlas built.

Advanced thermal barrier technology helps reduce heat transfer, improve occupant comfort, and support energy-efficient building design.

Features

- Advanced thermal barrier technology
- Improved energy efficiency and thermal performance
- 2” sightline
- 4-1/2” frame depth
- Accommodates 1” insulated glazing
- Center-set screw spline assembly
- Reduced heat transfer through the framing system
- Durable aluminum construction
- Available in anodized and painted finishes
- Ideal for energy-conscious commercial projects

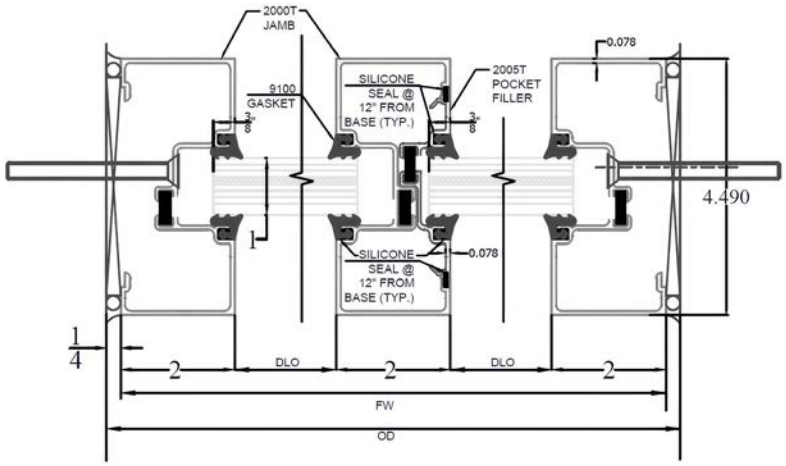
Horizontal detail



ANCHOR BOLT/ BACKER ROD/ SEALANT AND SHIMS BY OTHERS.



Vertical detail

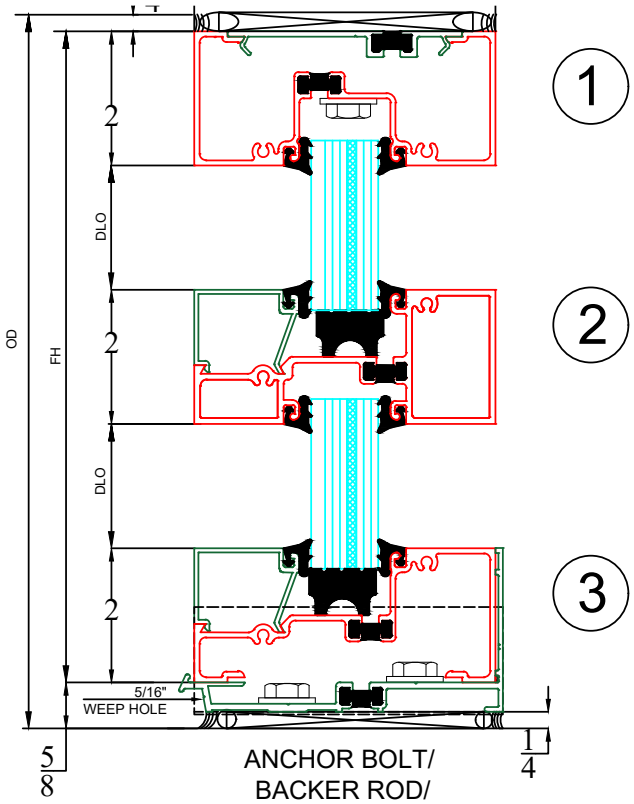


Finished Available	Clear
	Bronze
	Black Anodize
	Powder Coat and Kynar (PVDF)
Sight Profile:	2”
System Depth:	4-1/2”
Glazing Thickness:	1”

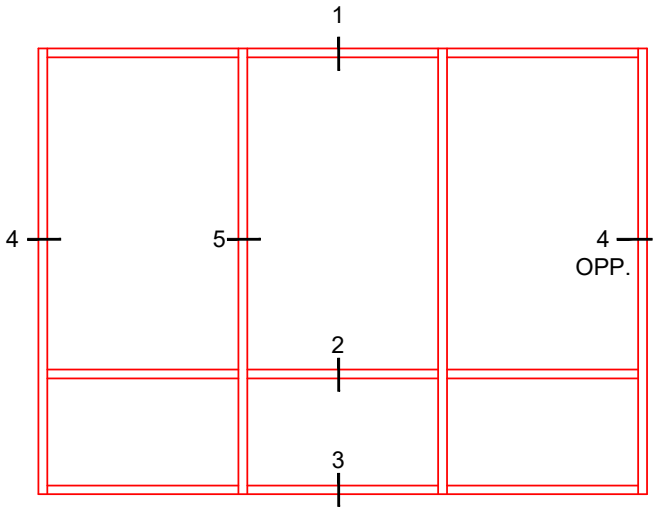
ARCHITECTURAL METALS INC.

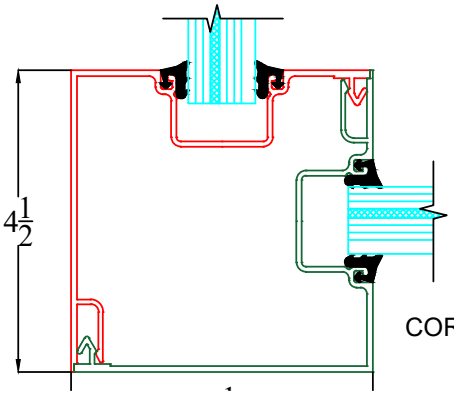
2" X 4-1/2" 2000T Series System

(1" Glazing, Thermal)

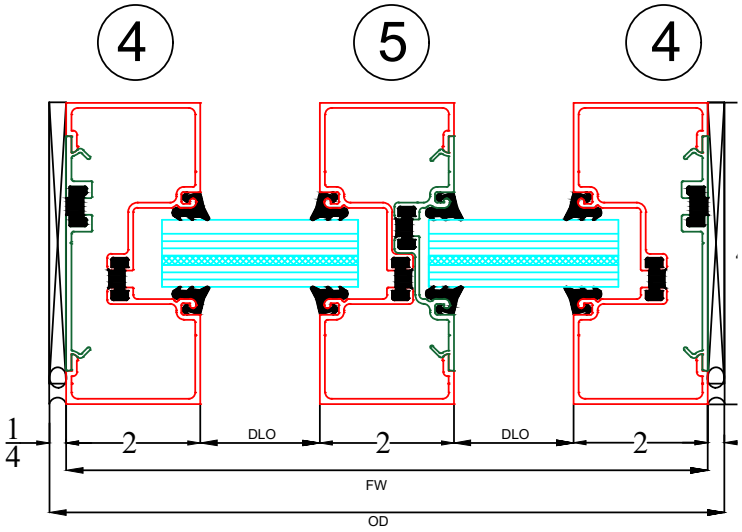


ANCHOR BOLT/
BACKER ROD/
SEALANT AND
SHIMS BY OTHERS.



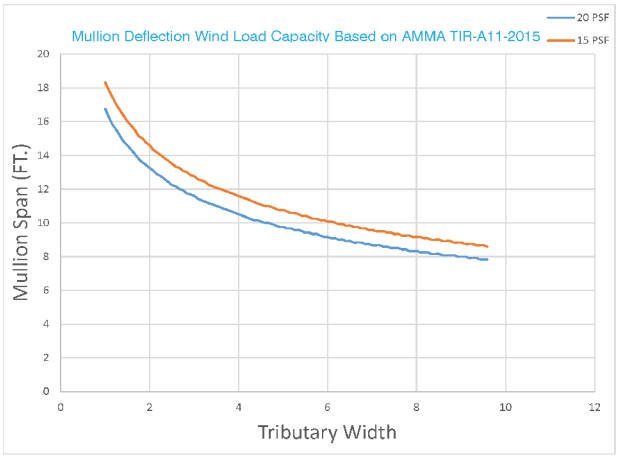


CORNER POST
DETAIL

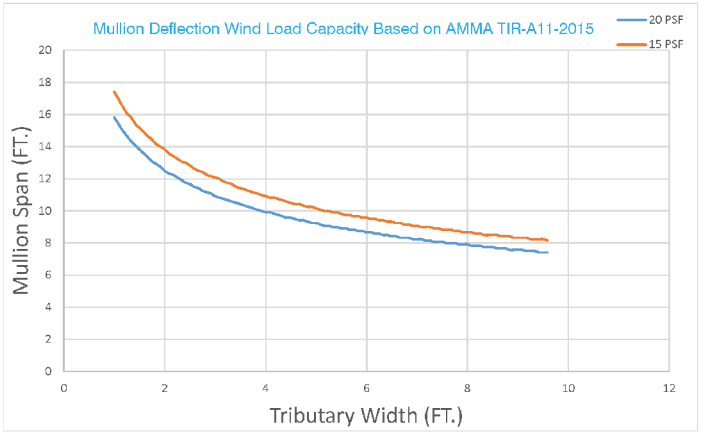


2” X 4-1/2”





Tributary width versus Mullion height non-thermically broken system



Tributary width versus Mullion height thermically broken system

INFORMATION

Entrances shall be Shadow Custom Narrow Stile Door Frames as manufactured by ATLAS Architectural Metals, Inc. As shown on architectural details.

SPECIFICATIONS

I. GENERAL:

DESCRIPTION

Work included: Furnish all necessary materials, labor and equipment for the complete installation of aluminum framing as shown on the drawings and specified herein. (Specifier Note: It is suggested that related items such as glass, sealants and aluminum entrances be included whenever possible.)
Work NOT included: Structural support of the framing system, interior closures, trim, metal sub-sills. (Specifier list other exclusions). Related Work Specified Elsewhere: (Specifier list)

QUALITY ASSURANCE:

Drawings and specifications are based upon the 2" x 4-1/2" Flush Glaze system as manufactured by the Atlas Architectural Metals, Inc.. Whenever substitute products are to be considered, supporting technical literature, samples, drawings and performance data must be submitted in ten (10) days prior to bid in order to make a valid comparison of the products involved. Test reports certified by an independent test laboratory must be made available upon request.

PERFORMANCE REQUIREMENTS: Test Methods per AAMA 501-15

Air infiltration shall be tested in accordance with ASTM E 283 infiltration shall not exceed 0.06 CFM per square foot of fixed area. Water infiltration shall be tested in accordance with ASTM E 331.No water penetration at test pressure equal to 10% of the wind load, nut not less than 2.86 PSF. (AAMA 1.07.6.F) Uniform deflection shall be tested in accordance with ASTM E 330.
Structural performance shall be used on:

*Maximum deflection to 1/175 of the span and...
* Allowable stress with a safety factor of 1.65.
The system shall perform to these criteria under a wind load of (Specify)_____ PSF.

II. PRODUCTS:

MATERIALS

Extrusions shall be 6063-T5 alloy and temper (ASTM B221 alloy G.S.10A-T5). Fasteners, where exposed, shall be aluminum, stainless steel or zinc plated steel in accordance with ASTM A 164. Perimeter anchors shall be aluminum or steel, providing the steel is properly isolated from the aluminum. Glazing gaskets shall be E P D M OR PVC extrusions. Single acting entrance frames shall include a pile weather-strip which will also provide a cushioning effect.

FINISH

All exposed framing surfaces shall be free of scratches and other serious blemishes. Aluminum moldings be given a caustic etch followed by an anodic oxide treatment to obtain... (Specify on of the following).

...an Architectural Dark Bronze Class II anodic coating with color conforming to Aluminum Association Standard AA-M10 C22 A31, 0.4 Mil thick.
...an Architectural 204-R1 Anodic coating conforming to Aluminum Association Standard AA-M10 C22 A31, 0.4 Mil thick.

FABRICATION

The framing system shall provide for flush glazing on all sides with no projecting stops. Vertical and horizontal framing members shall have a nominal face dimension of 2". Overall depth shall be 4-1/2" with a 1-3/8" glass pocket width. Entrance framing members shall be compatible with glass framing in appearance.

II. EXECUTION :

INSTALLATION

All glass framing shall be set in correct locations as shown in the details and shall be level, square, plumb and in alignment with other work in accordance with the manufacturer's installation instructions and approved shop drawings. All joints between framing and the building structure shall be sealed in order to secure a watertight installation entrance frames shall include a pile weather-strip which will also provide a cushioning effect.

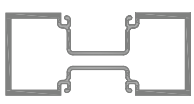
PROTECTION AND CLEANING

After installation, the General Contractor shall adequately protect exposed portions of aluminum surfaces from damage by grinding and polishing compounds, plaster, lime, acid, cement, or other contaminants. The General Contractor shall be responsible for final cleaning.

ARCHITECTURAL METALS INC.

2000T Series

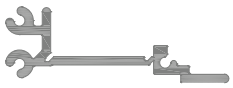
4-1/2” Flush Glaze 1” Pocket (Thermal)

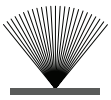
ITEM	DESCRIPTION	STOCK LENGTH	FINISH		
 2000T	4-1/2” X 2” JAMB (VERTICAL) MATES WITH 1006T, 2005T, 2007, 2008	24’ 1”	CLEAR	BRONZE	BLACK
 2001T	4-1/2” X 2” HEADER (HORIZONTAL TOP) MATES WITH 1006T, 2005T, 2007, 2008	24’ 1”	CLEAR	BRONZE	BLACK
 2002T	4-1/2” X 2” INTERMEDIATE (HORIZONTAL) MATES WITH 2004, 2007, 2008	24’ 1”	CLEAR	BRONZE	BLACK
 2003T	4-1/2” X 2” SILL (HORIZONTAL BASE) MATES WITH 1006T, 2004, 2005T, 2007	24’ 1”	CLEAR	BRONZE	BLACK
 2005T	POCKET FILLER MATES WITH 2000T, 2001T, 2003T, 2007	24’ 1”	CLEAR	BRONZE	BLACK
 1011T	SILL FLASHING	24’ 1”	CLEAR	BRONZE	BLACK
 1006T	LANCED FLAT FILLER MATES WITH 2000T, 2001T, 2003T	24’ 1”	CLEAR	BRONZE	BLACK
 2014	HOLLOW MULLION (THIS ITEM IS NON-THERMAL) 4-1/2” X 2”	24’ 1”	CLEAR	BRONZE	BLACK

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Accessories

(1000 Series & 2000 Series)

ITEM	DESCRIPTION	STOCK LENGTH	FINISH	
 8733	2000S SHEAR BLOCK	24’ 2”	MILL	
 8826	1-3/8” X 1” X 1/8” W/CHANNEL (WITH 1-1/8” OPENING)	24’ 0”	CLEAR	BRONZE

ITEM	DESCRIPTION	SOLD AS	PART No.	FINISH
	FLUSH GLAZE (ROLL)	250’	9100/XXRX	BLACK
	FLUSH GLAZE FOR 3/8” (ROLL)	250’	9101/XXRX	BLACK
	DOOR STOP PILE (FT.)	1’	9102/XXFX	GRAY
	1/4” SETTING BLOCK (50 PCS)	2”	9103/XBAG	BLACK
	1” SETTING BLOCK (50 PCS)	3”	9104/XBAG	BLACK
	HX WASH SLOT SMS ZINC #10X1	100 PCS	9105/XBAG	BLACK

ATLAS
ARCHITECTURAL METALS INC.

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