PAGE	DESCRIPTION
B1	STOREFRONT FRAMING SPECIFICATIONS
B2 - B3	175 SERIES FLUSHLINE DETAILS
B4	175 SERIES FLUSHLINE FRAMING PARTS
B5	175 SERIES FLUSHLINE PARTS LIST
B6 - B7	200 SERIES FLUSHLINE DETAILS
B8 - B9	200 SERIES FLUSHLINE FRAMING PARTS
B10 - B11	400 SERIES TUBE & STOP DETAILS
B12	400 SERIES TUBE & STOP FRAMING PARTS
B13	400 SERIES TUBE & STOP PARTS LIST

Part 1 - GENERAL

Description

Work included: Furnish materials, labour and equipment for the complete installation of aluminum entrance and window frames as detailed on the drawings and specified herein.

Work not included: See Specifier list. Structural support of framing, interior building trims.

Related work specified elsewhere: See Specifier list

Quality Assurance

Drawings and specifications for work in this section are based upon Desa 175, 200 & 400 series framing system. Whenever alternative products are to be considered, submit supporting technical literature and samples for review and comparison by Consultant 10 days prior to closing date.

Performance

Storefront system to fully comply with applicable standard specifications as typically referenced to the following requirement criteria: Air and water tightness, wind and other load resistance.

Maintenance and Guarantee

Provide maintenance and cleaning data in accordance with instructions under General Conditions.

Provide a written guarantee from substantial completion for a period of one year on the complete installation of materials and workmanship provided under this section.

Part 2 - PRODUCTS

Materials

Extrusions shall be 6063 T6 alloy and temper, formed aluminum components shall be of suitable alloy and strength to suit their purpose and function.

Fasteners shall be made of corrosion-resistant and compatible materials and of sufficient size and strength to perform their intended function.

Glazing gaskets shall be extruded black, santoprene of durometer appropriate to perform their intended function.

Weathering shall be elastomeric or wool pile and of size and density appropriate for their intended function.

Selected framing system shall be:

-175 series 1 3/4" (44.5) and/or 200 series 2" (50.8) for flush glazing, both maintaining their nominal face dimensions with no projecting glass stops except where necessary in door transom lites.

-400 series 1 3/4" (44.5) for stop glazing, additional glass stop dimension of 3/4" (19.0) must be added to nominal face dimension of framing.

Fabrication

Construct framing from extrusions of size and shape as shown on shop drawings. All framing joints shall be accurately cut and machined and sealed to allow neat watertight connections with all extrusions. Framing systems shall be designed for either shear block or screw spline corner joinery.

Finish

All exposed surfaces shall be free of scratches and defects. Aluminum extrusions shall be finished as selected by Specifier.

Standard Clear Anodizing:	AA-M12C22A31	Standard Bronze Anodizing:	AA-M12C22A31
Standard Black Anodizing:	AA-M12C22A44	Duracron Acrylic Enamel:	AAMA 2603

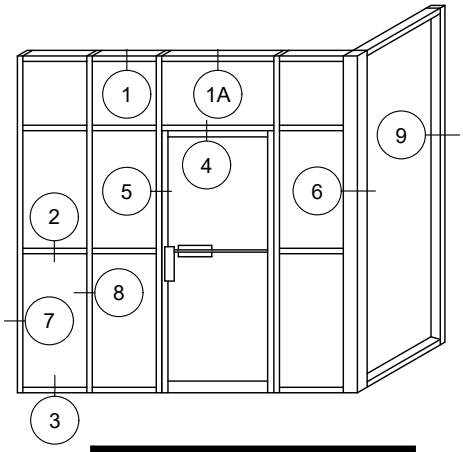
Duranar Fluoropolymer paint: AAMA 2605

Various Bronze Anodizing colours and Paint qualities are available upon request by the Specifier.

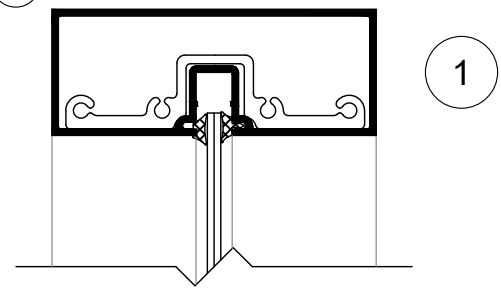
Installation

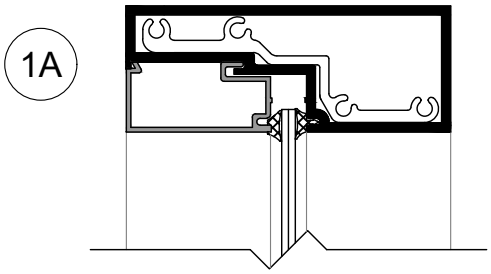
Framing shall be installed, glazed and adjusted accordingly to the manufacturer's instructions and approved shop drawings. All items in this section shall be set level, square and plumb, and at their correct location and alignment with other work.

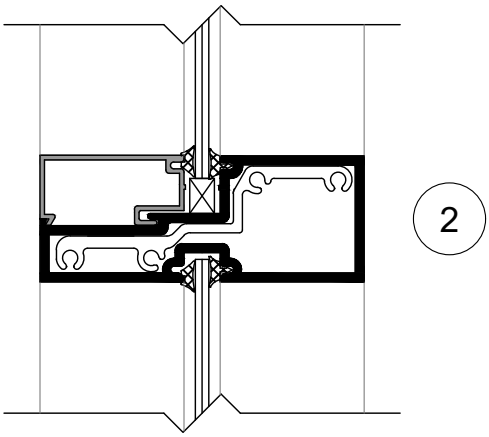
175 SERIES FLUSHLINE DETAILS

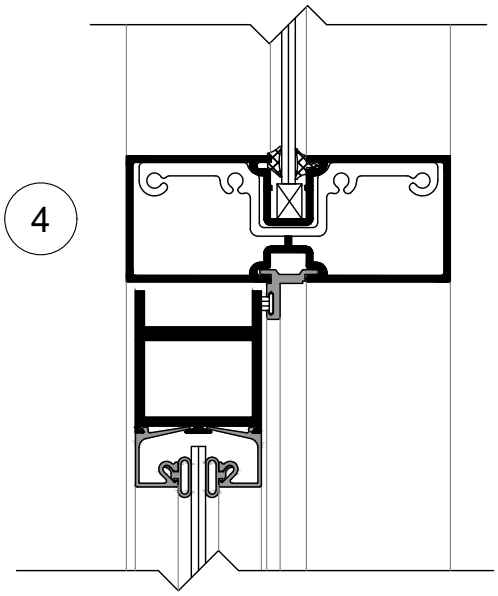


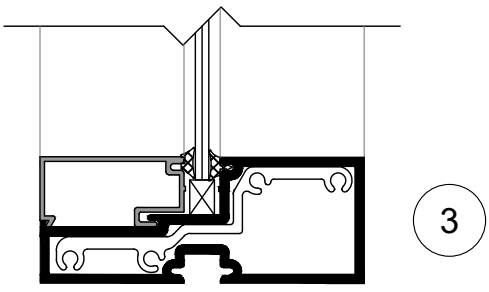
- 1 3/4" (45) x 4 1/2" (114) storefront and entrance framing system for single glazing.
- Offers a narrow 1 3/4" (45) sightline and is totally compatible with the Desa 100, 350 and 500 series entrance door packages.
- This system is primarily used for interior and vestibule conditions and offers a 90 degree corner post which allows for easy vestibule design and layout at the interior of main entrance areas.
- Tubular profiled extrusions with shear block joinery.
- Clear and bronze anodized finishes are standard. Other finishes are optional.

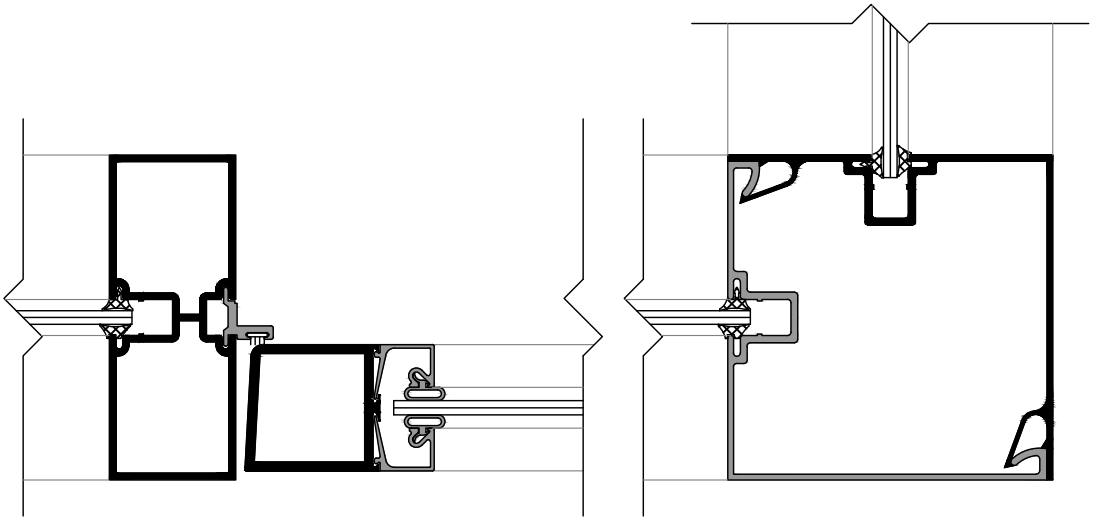






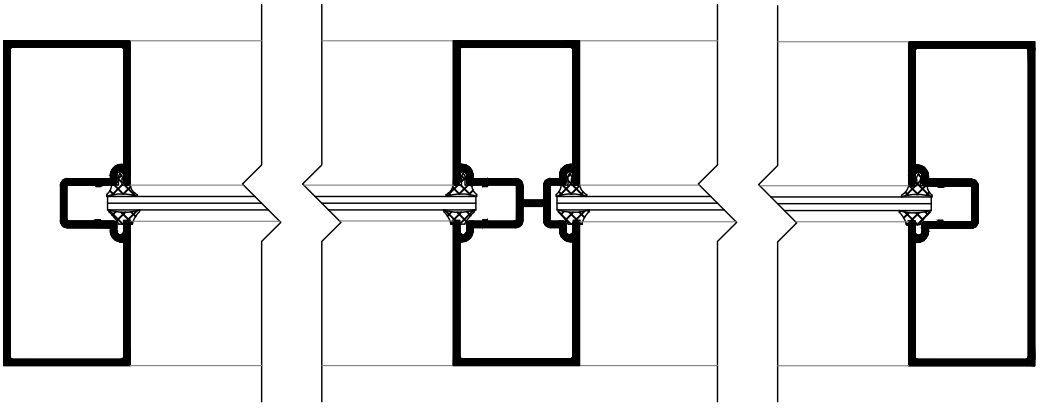






5

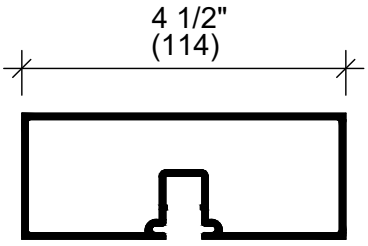
6



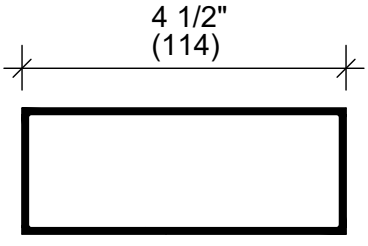
7

8

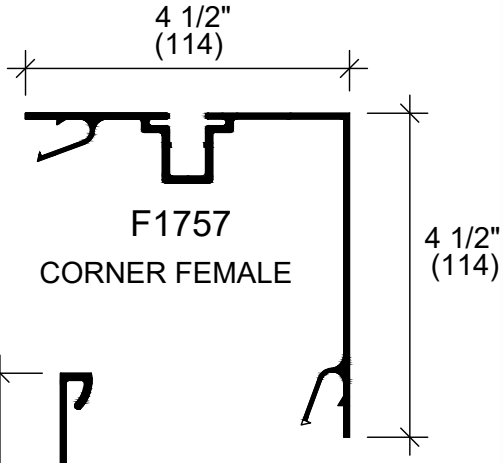
9



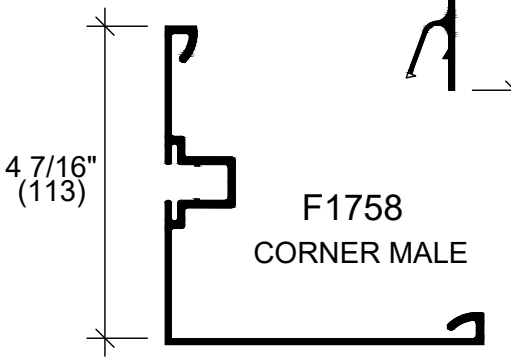
F1759
CLOSED BACK
HEAD - JAMB



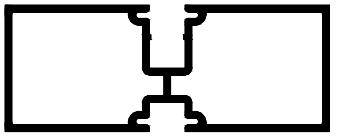
D407
CLOSED BACK
TUBE



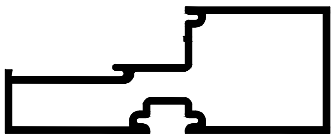
F1757
CORNER FEMALE



F1758
CORNER MALE



F1752
CLOSED BACK MULLION



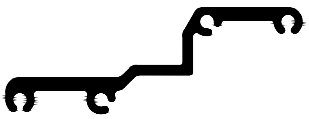
F1753
CLOSED BACK SILL
HORIZONTAL

N213
FIXED GASKET

A13
SHEAR BLOCK

N215
FACE GASKET

F1755
SILL STOP



A12
SILL & STOP
SHEAR BLOCK

F1756
BLADE DOOR STOP

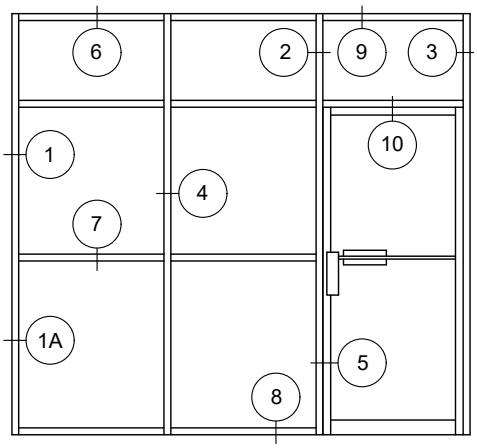
MH1
DOOR STOP
WEATHER STRIPPING

175 SERIES FLUSHLINE PARTS LIST

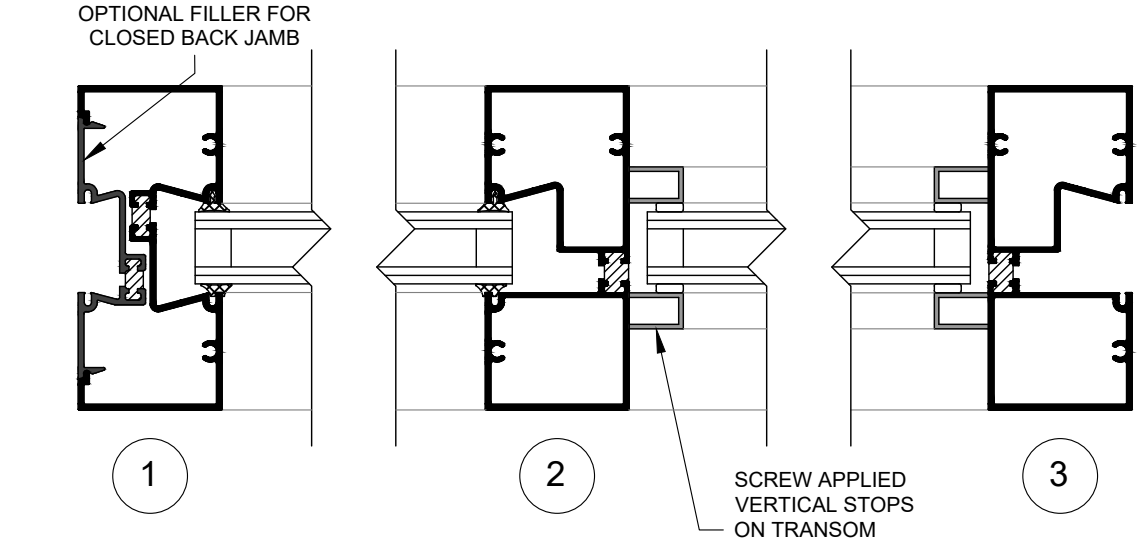
B5

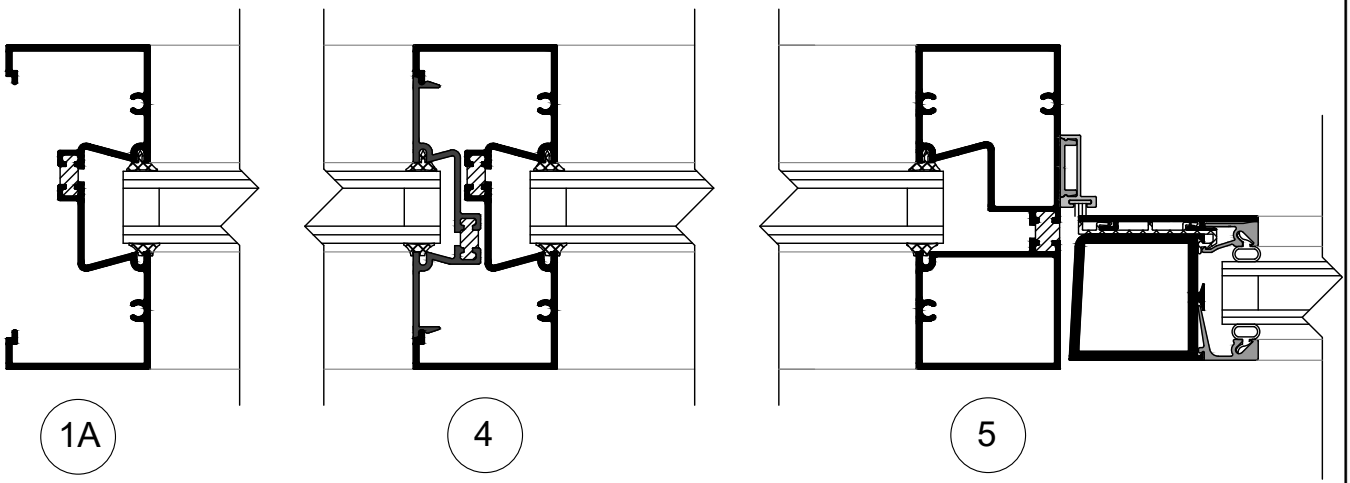
PART	PART NO.	DESCRIPTION	STOCK LENGTH IN METRES	FINISH		
				CLEAR ANODIZED	BRONZE ANODIZED	
	F1752	CLOSED BACK MULLION	7.39			
	F1753	CLOSED BACK SILL HORIZONTAL	7.39			
	F1755	SILL STOP	7.39			
	F1756	BLADE DOOR STOP	6.55			
	F1757	CORNER FEMALE	6.18			
	F1758	CORNER MALE	6.18			
	F1759	CLOSED BACK HEAD JAMB	7.39			
	D407	1-3/4" X 4-1/2" PLAIN TUBE	7.39			
	N213	FIXED GASKET (SANTOPRENE)	152.4 METRES PER ROLL			
	N215	FACE GASKET (SANTOPRENE)	304.8 METRES PER ROLL			
	A12	SHEAR BLOCK				
	A13	SILL STOP SHEAR BLOCK				
	MH1	DOOR STOP WEATHER STRIPPING				

200 SERIES FLUSHLINE DETAILS

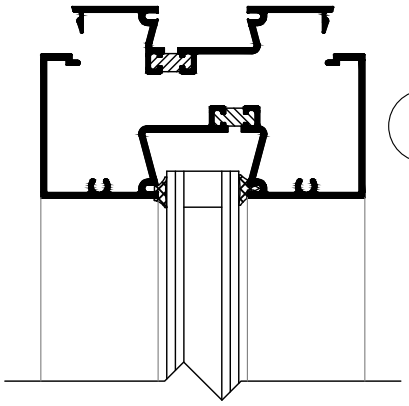


- Thermally improved 2" (50) x 4 1/2" (114) flush glazed storefront and entrance framing system for sealed unit glazing.
- Offers a narrow 2" (50) sight line and is compatible with all Desa entrance door packages, T/B and non T/B type.
- This system utilizes a two piece split mullion design with screw spline joinery for easy fabrication.
- Shear block joinery is required at the tubular door jambs and provides the extra strength required at the entranceway.
- Energy efficient pour and debridge thermal improvement design is incorporated in all extruded sections.
- Extruded thermally improved sub-sill flashing has been specifically designed and is recommended for all window installations.
- Optional two part thermally improved deflection header provides easy install of frame, and also meets the need to permit any deflection above the opening.
- Clear and bronze anodized finishes are standard. Other finishes are optional.

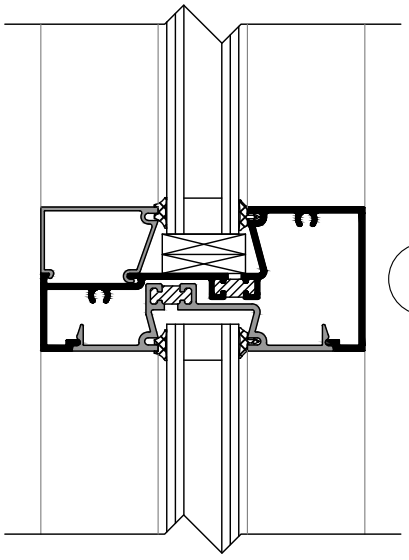




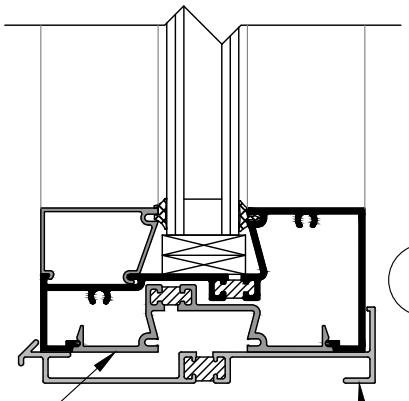
OPTIONAL FILLER FOR CLOSED BACK HEAD



6



7



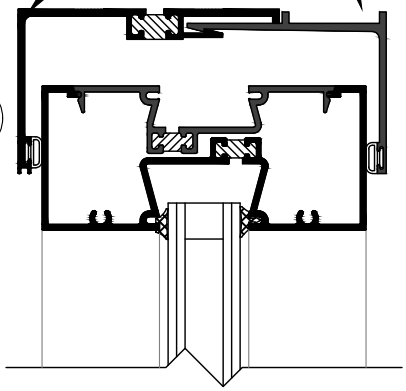
8

OPTIONAL FILLER FOR CLOSED BACK SILL

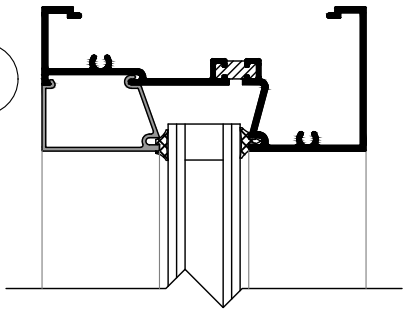
OPTIONAL SUB-SILL FLASHING

OPTIONAL TWO PART DEFLECTION HEADER

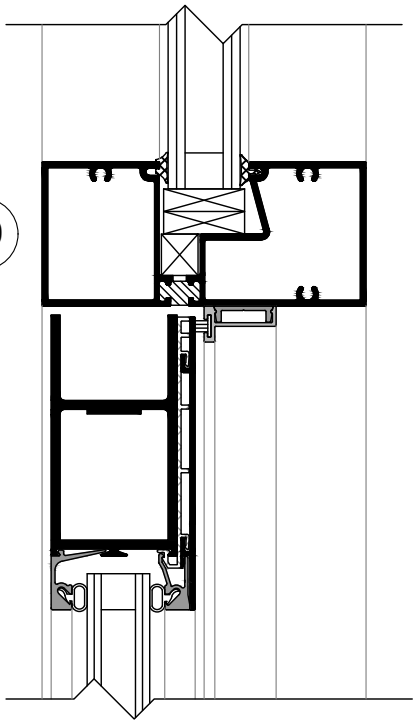
6

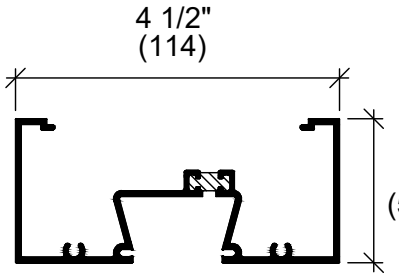


9

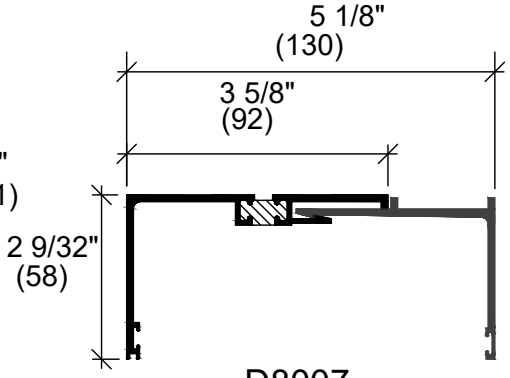


10

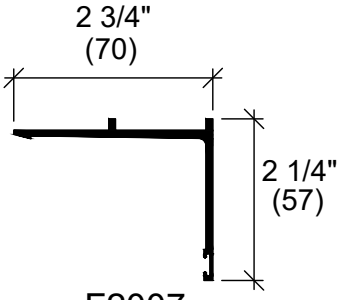




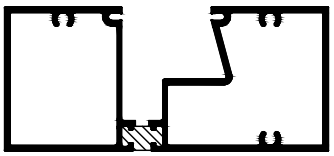
F2001
OPEN BACK
MULLION / JAMB



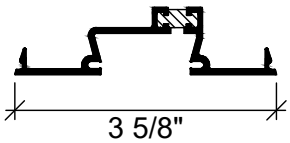
D8007
DEFLECTION BASE



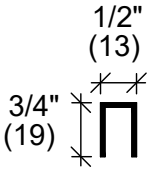
F2007
DEFLECTION CLIP



F2002
CLOSED BACK
DOOR MULLION / HEAD

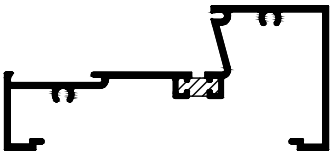


F2004
MULLION / SILL FILLER

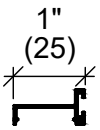


D403
GLASS STOP / CHANNEL

F2005
SILL STOP



F2003
OPEN BACK SILL

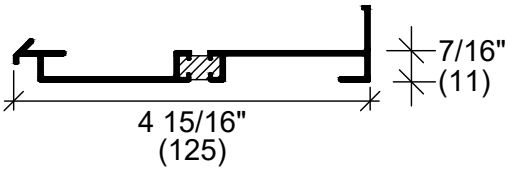


F2008
DOOR STOP
CAP

N213
FIXED GASKET

F2009
DOOR STOP
BASE

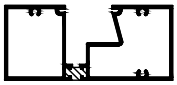
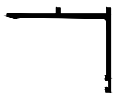
N215
FACE GASKET



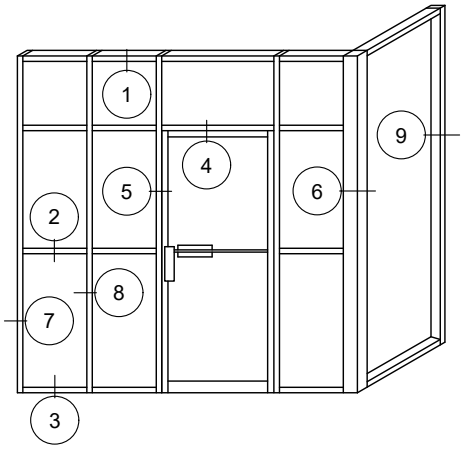
F2006
SUB-SILL

A14
SHEAR BLOCK

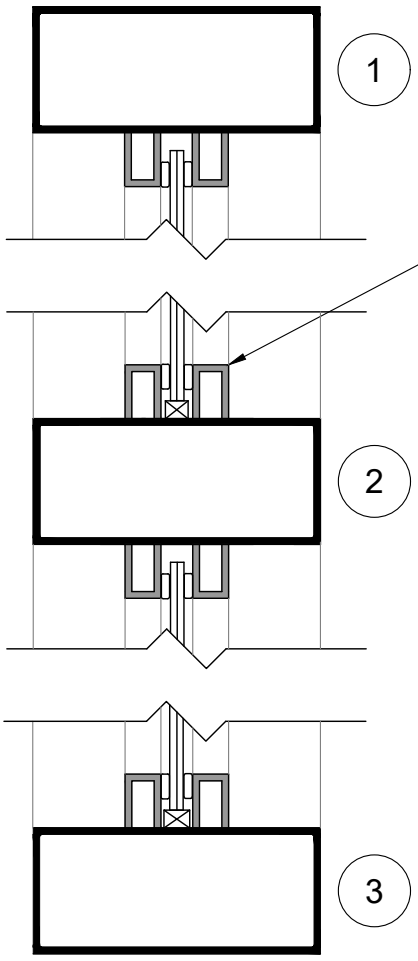
B202
BULB GASKET FOR
DEFLECTION HEADER

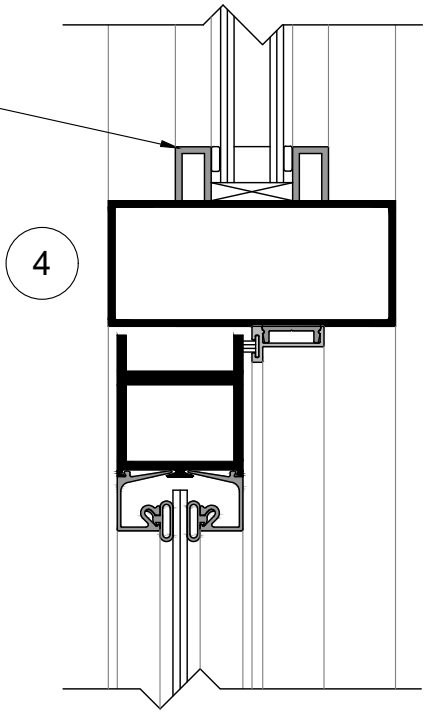
PART	PART NO.	DESCRIPTION	STOCK LENGTH IN METRES	FINISH		
				CLEAR ANODIZED	BRONZE ANODIZED	
	F2001	OPEN BACK MULLION / JAMB	7.39			
	F2002	CLOSED BLOCK DOOR MULLION / HEAD	7.39			
	F2003	OPEN BACK SILL	7.39			
	F2004	MULLION / SILL FILLER	7.39			
	F2005	SILL STOP	7.39			
	F2006	SUB-SILL	7.39			
	F2007	DEFLECTION BASE	7.39			
	D8007	DEFLECTION CLIP	7.39			
	F2008	DOOR STOP CAP	6.55			
	F2009	DOOR STOP BASE	6.55			
	D403	1/2 X 3/4 GLASS STOP / CHANNEL	7.39			
	N213	FIXED GASKET (SANTOPRENE)	228.6 M (750') PER ROLL			
	N215	FACE GASKET (SANTOPRENE)	304.8 M (1000') PER ROLL			
	A14	SHEAR BLOCK				

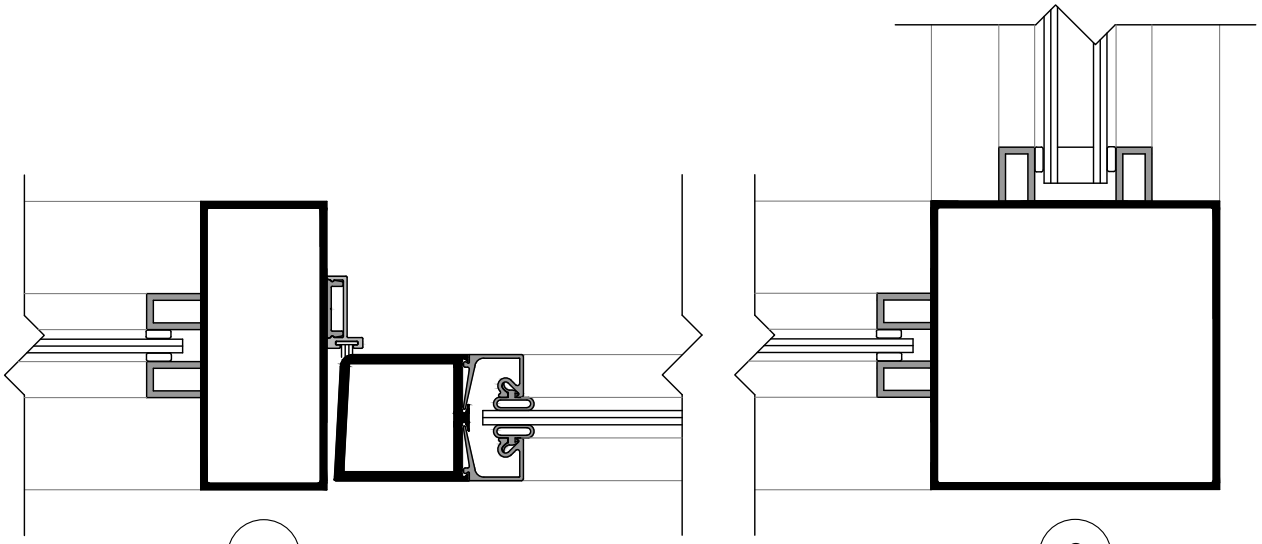
400 SERIES TUBE & STOP DETAILS



- 1 3/4" (45) x 4" (102) tube and stop framing system.
- System has 1/2" (13) x 3/4" (19) screw applied glass stops which allow for sealed unit or single glazing.
- Primarily used for interior and vestibule frames, however, the sealed unit glazing makes this system a low cost alternative for storefronts.
- Compatible with the Desa 100, 350 and 500 series entrance door packages.
- Clear and bronze anodized finishes are standard. Other finishes are optional.

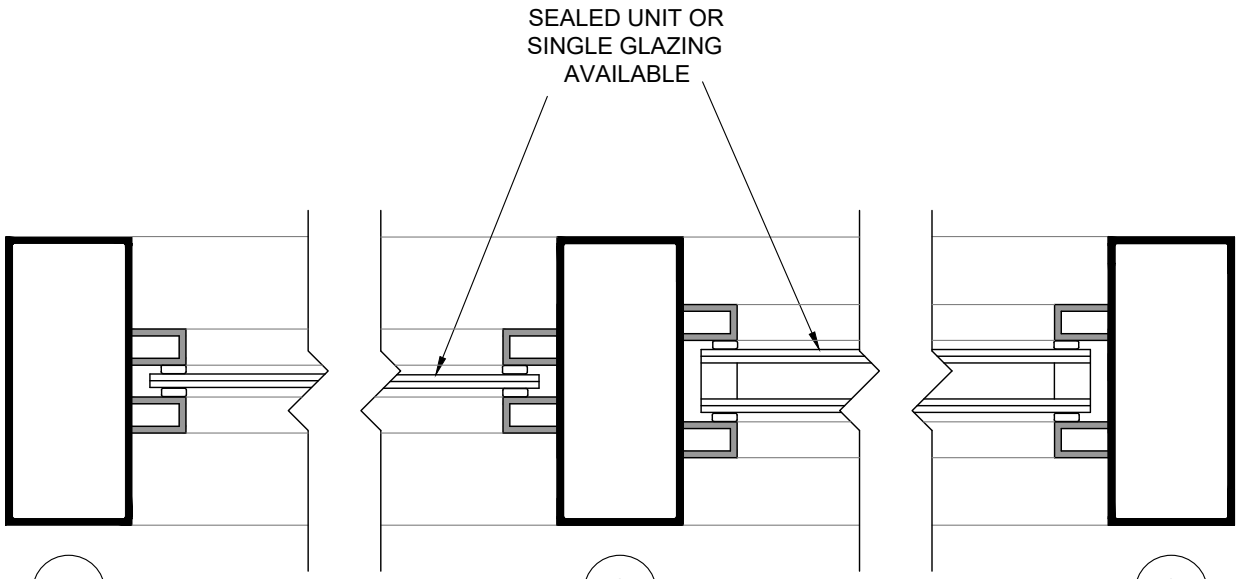






5

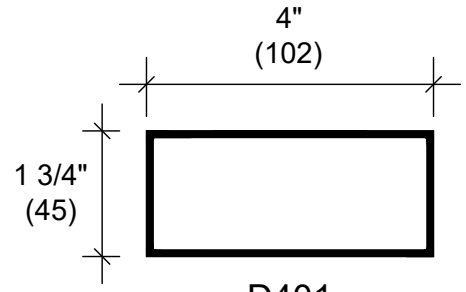
6



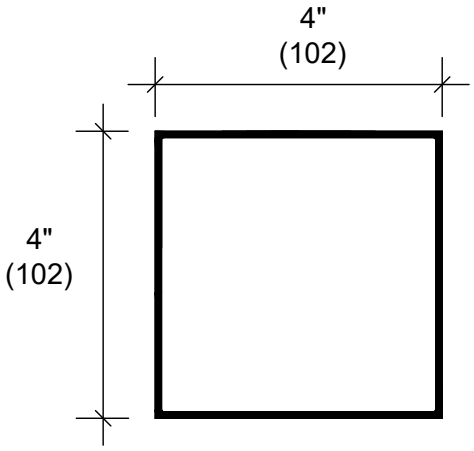
7

8

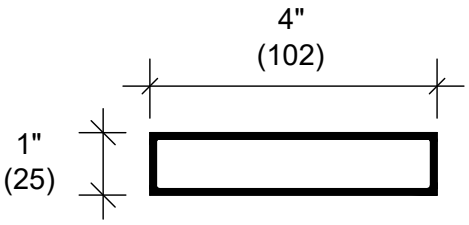
9



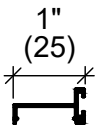
D401
1 3/4" (45) x 4" (102)
TUBE



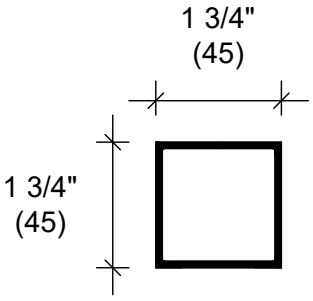
D405
POST



D409
1" (25) x 4" (102)
TUBE

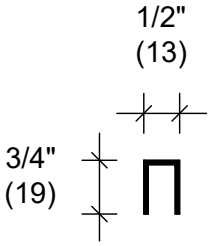


F2008
DOOR STOP
CAP



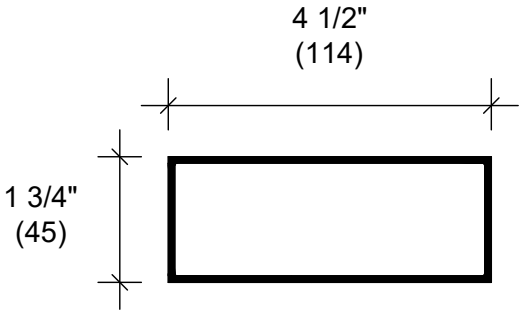
D406
1 3/4" (45) X 1 3/4" (45)
TUBE

F2009
DOOR STOP
BASE



D403
GLASS STOP / CHANNEL

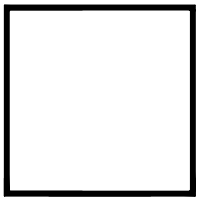
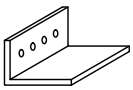
MH1
DOOR STOP
WEATHER STRIPPING



D407
1 3/4" (45) x 4 1/2" (114)
TUBE

400 SERIES TUBE & STOP PARTS LIST

B13

PART	PART NO.	DESCRIPTION	STOCK LENGTH IN METRES	FINISH		
				CLEAR ANODIZED	BRONZE ANODIZED	
	D401	1-3/4" X 4" TUBE	7.39			
	D403	1/2" X 3/4" GLASS STOP / CHANNEL	7.39			
	D405	4" X 4" POST	7.39			
	D406	1-3/4" X 1-3/4" TUBE	7.39			
	D407	1-3/4" X 4-1/2" TUBE	7.39			
	D409	1" X 4" TUBE	7.39			
	F2008	DOOR STOP CAP	6.55			
	F2009	DOOR STOP BASE	6.55			
	A11	FABRICATION BRACKET	—			
	TAPE	1/8 X 3/8 440 TAPE	7.62 M (25') PER ROLL	GREY	BLACK	
	MH1	DOOR STOP WEATHER STRIPPING				