

## **FIBERGLASS** WINDOW BYSTEM 1011 COMMERCIAL AWNING PAN-002 - 15/16" ALUMINUM JAMB EXTENDER FLASHING

#### FEATURES





PAN-002 Flashing is a .050 thick aluminum extrusion designed to be a "panning face expander" when the gap between the exterior veneer and the panning is too wide to be neatly filled with backer rod and sealant.

#### PREPARING THE FLASHING COMPONENT

- STEP 1 Cut flashing to required length.
- STEP 2 Place continuous bead of adhesive sealant along the full length of the panning in the location shown to provide a water tight seal.



#### INSTALLING THE FLASHING COMPONENT





#### FEATURES MATERIAL: .072 Thick Aluminum Extrusion





## SIZING THE WINDOW UNIT





## PREPARING THE SILL PAN COMPONENT

STEP 1 - Place continuous bead of adhesive sealant along the full length of the panning in the location shown to provide a water tight seal and additional strength to the assembly.





### PANNING INSTALLATION - 1 of 2

STEP 1 - Align Prepared Sill Panning component with sill and carefully set it in place insuring that it is properly nested into the frame. (See Cross Section page 2.1.38 for additional illustration)

NOTE: Paning PAN-009 shown on Head and Side Jambs for reference purposes. See page 2.5.21 thru 2.5.27 for additional detail.





#### PANNING INSTALLATION - 2 of 2

Windows & Doors Division of Sound Solutions, LLC

- STEP 2 Fasten bottom corners using #8 x 2" Pan Head Sheet Metal Screws though the pre-drilled holes in the Sill Panning into the Screw Ports in the Side Panning.
- STEP 3 Place continuous bead of sealant around the exterior perimeter joint of the Head and Side Jamb Panning and Window Frame to provide a complete air and water seal.
- STEP 4 Place continuous bead of sealant along the Panning Corner Joints to insure that thet are completely sealed.
- NOTE: Paning PAN-009 shown on Head and Side Jambs for reference purposes. See page 2.5.21 thru 2.5.27 for additional detail.



Exterior Elevation View



## PANNING INSTALLATION CROSS SECTIONS

SCALE: 1:2



SILL SECTION



### FEATURES

MATERIAL: .080 Thick Aluminum Extrusion





## SIZING THE WINDOW UNIT





### PREPARING THE SILL PAN COMPONENT

STEP 1 - Place continuous bead of adhesive sealant along the full length of the panning in the location shown to provide a water tight seal and additional strength to the assembly.





#### PANNING INSTALLATION - 1 of 2

STEP 1 - Align Prepared Sill Panning component with sill and carefully set it in place insuring that it is properly nested into the frame. (See Cross Section page 2.1.44 for additional illustration)

NOTE: Paning PAN-010 shown on Head and Side Jambs for reference purposes. See page 2.5.28 thru 2.5.34 for additional detail.





#### PANNING INSTALLATION - 2 of 2

Windows & Doors Division of Sound Solutions, LLC

- STEP 2 Fasten bottom corners using #8 x 2" Pan Head Sheet Metal Screws though the pre-drilled holes in the Sill Panning into the Screw Ports in the Side Panning.
- STEP 3 Place continuous bead of sealant around the exterior perimeter joint of the Head and Side Jamb Panning and Window Frame to provide a complete air and water seal.
- STEP 4 Place continuous bead of sealant along the Panning Corner Joints to insure that thet are completely sealed.
- NOTE: Paning PAN-010 shown on Head and Side Jambs for reference purposes. See page 2.5.28 thru 2.5.34 for additional detail.



Exterior Elevation View



### PANNING INSTALLATION CROSS SECTIONS

SCALE: 1:2



SILL SECTION



### FEATURES

MATERIAL: .072 Thick Aluminum Extrusion





## SIZING THE WINDOW UNIT







#### PREPARING THE HEAD AND SILL PAN COMPONENTS

- STEP 1 Place continuous bead of adhesive sealant along full length of panning in location shown to provide additional strength to the assembly.
- STEP 2 Place continuous bead of adhesive sealant along the full length of the panning in the location shown to provide an additional line of defence from water penetration.
- STEP 3 Place continuous bead of adhesive sealant around profile shape on both ends to seal the panning corner joints.



#### PREPARING THE SIDE PAN COMPONENTS





#### OPTIONAL BULB WEATHER SEAL

The Armaclad PAN-008 Panning has been designed to accommodate a standard Bulb Style Weather Seal with a 3/16" "T" slot type installation application. A 1/8" diameter bulb is recommended.



To size the Bulb Weather Seal, push into "T" slot the full length until 3/4" to 1" overhangs at opposite end and cut off both ends aligning a utility knife blade with the angle cut on the panning end.



#### PANNING INSTALLATION - 1 of 2

STEP 1 - Align Prepared Head, Sill and Side Panning components with appropriate side of window and carefully set them in place insuring that each piece is properly nested into the frame. (See Cross Section page 2.5.20 for additional illustrations)





#### PANNING INSTALLATION - 2 of 2

- STEP 2 Fasten corners using #8 x 2" Pan Head Sheet Metal Screws though the pre-drilled holes in the Side Panning into the Screw Ports in the Head and Sill Panning. (1 screw per corner joint)
- STEP 3 Place continuous bead of sealant around the exterior perimeter joint of the Panning and Window Frame to provide a complete air and water seal.
- STEP 4 Place continuous bead of sealant along the Panning Corner Joints to insure that thet are completely sealed.





## PANNING INSTALLATION CROSS SECTION





### FEATURES

MATERIAL: .072 Thick Aluminum Extrusion





## SIZING THE WINDOW UNIT







#### PREPARING THE HEAD AND SILL PAN COMPONENTS

- STEP 1 Place continuous bead of adhesive sealant along full length of panning in location shown to provide additional strength to the assembly.
- STEP 2 Place continuous bead of adhesive sealant along the full length of the panning in the location shown to provide an additional line of defence from water penetration.
- STEP 3 Place continuous bead of adhesive sealant around profile shape on both ends to seal the panning corner joints.



### PREPARING THE SIDE PAN COMPONENTS





#### OPTIONAL BULB WEATHER SEAL

The Armaclad PAN-009 Panning has been designed to accommodate a standard Bulb Style Weather Seal with a 3/16" "T" slot type installation application. A 1/8" diameter bulb is recommended.



To size the Bulb Weather Seal, push into "T" slot the full length until 3/4" to 1" overhangs at opposite end and cut off both ends aligning a utility knife blade with the angle cut on the panning end.



#### PANNING INSTALLATION - 1 of 2

STEP 1 - Align Prepared Head, Sill and Side Panning components with appropriate side of window and carefully set them in place insuring that each piece is properly nested into the frame. (See Cross Section page 2.5.27 for additional illustrations)





#### PANNING INSTALLATION - 2 of 2

- STEP 2 Fasten corners using #8 x 2" Pan Head Sheet Metal Screws though the pre-drilled holes in the Side Panning into the Screw Ports in the Head and Sill Panning. (2 screws per corner joint)
- STEP 3 Place continuous bead of sealant around the exterior perimeter joint of the Panning and Window Frame to provide a complete air and water seal.
- STEP 4 Place continuous bead of sealant along the Panning Corner Joints to insure that thet are completely sealed.





## PANNING INSTALLATION CROSS SECTION





### FEATURES

MATERIAL: .072 Thick Aluminum Extrusion





### SIZING THE WINDOW UNIT





#### PREPARING THE HEAD AND SILL PAN COMPONENTS

- STEP 1 Place continuous bead of adhesive sealant along full length of panning in location shown to provide additional strength to the assembly.
- STEP 2 Place continuous bead of adhesive sealant along the full length of the panning in the location shown to provide an additional line of defence from water penetration.
- STEP 3 Place continuous bead of adhesive sealant around profile shape on both ends to seal the panning corner joints.



### PREPARING THE SIDE PAN COMPONENTS





#### OPTIONAL BULB WEATHER SEAL

The Armaclad PAN-010 Panning has been designed to accommodate a standard Bulb Style Weather Seal with a 3/16" "T" slot type installation application. A 1/8" diameter bulb is recommended.



To size the Bulb Weather Seal, push into "T" slot the full length until 3/4" to 1" overhangs at opposite end and cut off both ends aligning a utility knife blade with the angle cut on the panning end.



#### PANNING INSTALLATION - 1 of 2

STEP 1 - Align Prepared Head, Sill and Side Panning components with appropriate side of window and carefully set them in place insuring that each piece is properly nested into the frame. (See Cross Section page 2.5.34 for additional illustrations)





#### PANNING INSTALLATION - 2 of 2

- STEP 2 Fasten corners using #8 x 2" Pan Head Sheet Metal Screws though the pre-drilled holes in the Side Panning into the Screw Ports in the Head and Sill Panning. (2 screws per corner joint)
- STEP 3 Place continuous bead of sealant around the exterior perimeter joint of the Panning and Window Frame to provide a complete air and water seal.
- STEP 4 Place continuous bead of sealant along the Panning Corner Joints to insure that thet are completely sealed.





## PANNING INSTALLATION CROSS SECTION





## **FIBERGLASS** WINDOW SYSTEM 1011 COMMERCIAL AWNING PAN-014 - 2 1/2" ALUMINUM JAMB EXTENDER FLASHING

#### FEATURES



PAN-014 Flashing is a .050 thick aluminum extrusion designed to be a "panning face expander" when the gap between the exterior veneer and the panning is too wide to be neatly filled with backer rod and sealant.



#### PREPARING THE FLASHING COMPONENT

- STEP 1 Cut flashing to required length.
- STEP 2 Place continuous bead of adhesive sealant along the full length of the panning in the location shown to provide a water tight seal.



#### INSTALLING THE FLASHING COMPONENT

Position the prepared Flashing Component on the panning and using a wood block and mallet push it into the accessory kerf to the locked position.

When the Flashing Installation is complete, clean away any sealant squeeze out from the exposed face.




# CASEMENT PICTURE WINDOW OVER AWNING - 1 OF 2

SCALE: 1:2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL



NUMBER OF ANCHOR SCREWS REQUIRED (By Frame Size) Up to 47 15/16" = 4 Screws (2 in Each direction) 42" to 71 15/16" = 6 Screws (3 in each Direction) 72" and Over = 8 Screws (4 in Each Direction) (Evenly Spaced)

ATTACH MULLION CORE TO FIXED CASEMENT UNIT



#### APPLY 1/16" X 1/2" ON FULL LENGTH OF PRE-CUT MULLION CORE (4 PLACES)







# CASEMENT PICTURE WINDOW OVER AWNING - 2 OF 2

SCALE: 1:2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL





# CASEMENT PICTURE WINDOW OVER AWNING - 1 OF 2

SCALE: 1:2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL



NUMBER OF ANCHOR SCREWS REQUIRED (By Frame Size) Up to 47 15/16" = 4 Screws (2 in Each direction) 42" to 71 15/16" = 6 Screws (3 in each Direction) 72" and Over = 8 Screws (4 in Each Direction) (Evenly Spaced)

ATTACH MULLION CORE TO FIXED CASEMENT UNIT



APPLY 1/16" X 1/2" ON FULL LENGTH OF PRE-CUT MULLION CORE (4 PLACES)







Section 2 - IACTM

POSITION MULLION CORE FLUSH WITH OUTSIDE OF FRAME



# CASEMENT PICTURE WINDOW OVER AWNING - 2 OF 2

SCALE: 1:2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL





## AWNING OVER CASEMENT PICTURE WINDOW - 1 OF 2

SCALE: 1:2



APPLY 1/16" X 1/2" ON FULL LENGTH OF PRE-CUT MULLION CORE (4 PLACES)

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# FIBERGLASS WINDOW SYSTEM 1011 COMMERCIAL AWNING MULLING DETAILS

# AWNING OVER CASEMENT PICTURE WINDOW - 2 OF 2

SCALE: 1:2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL





## AWNING OVER CASEMENT PICTURE WINDOW - 1 OF 2





# FIBERGLASS WINDOW SYSTEM 1011 COMMERCIAL AWNING MULLING DETAILS

# AWNING OVER CASEMENT PICTURE WINDOW - 2 OF 2

SCALE: 1:2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL





## AWNING BESIDE CASEMENT PICTURE WINDOW - 1 OF 2

SCALE: 1:2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL



HOLES IN FRAME AND THROUGH POSITIONED MULLION CORE

- POSITION MULLION CORE FLUSH WITH OUTSIDE OF FRAME



## AWNING BESIDE CASEMENT PICTURE WINDOW - 2 OF 2

SCALE: 1:2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL



NOTE: THESE SCREW HOLES MUST BE SEALED OFF.



## AWNING BESIDE CASEMENT PICTURE WINDOW - 1 OF 2

SCALE: 1:2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL



NUMBER OF ANCHOR SCREWS REQUIRED (By Frame Size) Up to 47 15/16" = 4 Screws (2 in Each direction) 42" to 71 15/16" = 6 Screws (3 in each Direction) 72" and Over = 8 Screws (4 in Each Direction) (Evenly Spaced)



#### APPLY 1/16" X 1/2" ON FULL LENGTH OF PRE-CUT MULLION CORE (4 PLACES)





ATTACH MULLION CORE TO FIXED CASEMENT UNIT







## AWNING BESIDE CASEMENT PICTURE WINDOW - 2 OF 2

SCALE: 1:2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL



NOTE: THESE SCREW HOLES MUST BE SEALED OFF.



# FIBERGLASS WINDOW SYSTEM 1011 COMMERCIAL AWNING MULLING DETAILS

## CASEMENT PICTURE WINDOW BESIDE AWNING - 1 OF 2

SCALE: 1:2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL



ATTACH MULLION CORE TO FIXED CASEMENT UNIT





## CASEMENT PICTURE WINDOW BESIDE AWNING - 2 OF 2

## SCALE: 1:2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL





## CASEMENT PICTURE WINDOW BESIDE AWNING - 1 OF 2

SCALE: 1:2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL



NUMBER OF ANCHOR SCREWS REQUIRED (By Frame Size) Up to 47 15/16" = 4 Screws (2 in Each direction) 42" to 71 15/16" = 6 Screws (3 in each Direction) 72" and Over = 8 Screws (4 in Each Direction) (Evenly Spaced)



3/8" TO 3/16" STEP DRILL-

APPLY 1/16" X 1/2" ON FULL LENGTH OF PRE-CUT MULLION CORE (4 PLACES)

ATTACH MULLION CORE TO FIXED CASEMENT UNIT







└─ POSITION MULLION CORE FLUSH WITH OUTSIDE OF FRAME



## CASEMENT PICTURE WINDOW BESIDE AWNING - 2 OF 2

#### SCALE: 1:2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL





FIBERGLASS WINDOW SYSTEM 1011 COMMERCIAL AWNING MULLING DETAILS

# SINGLE VENT CASEMENT OVER AWNING - 1 OF 2

SCALE: 1:2



NUMBER OF ANCHOR SCREWS REQUIRED (By Frame Size) Up to 47 15/16" = 4 Screws (2 in Each direction) 42" to 71 15/16" = 6 Screws (3 in each Direction) 72" and Over = 8 Screws (4 in Each Direction) (Evenly Spaced)



APPLY 1/16" X 1/2" ON FULL LENGTH OF PRE-CUT MULLION CORE (4 PLACES)







ATTACH MULLION CORE TO FIXED CASEMENT UNIT



Section 2 - IACTM



# FIBERGLASS WINDOW SYSTEM 1011 COMMERCIAL AWNING MULLING DETAILS

## SINGLE VENT CASEMENT OVER AWNING - 2 OF 2

SCALE: 1:2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL





## AWNING OVER SINGLE VENT CASEMENT - 1 OF 2

SCALE: 1:2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL





NUMBER OF ANCHOR SCREWS REQUIRED (By Frame Size) Up to 47 15/16" = 4 Screws (2 in Each direction) 42" to 71 15/16" = 6 Screws (3 in each Direction) 72" and Over = 8 Screws (4 in Each Direction) (Evenly Spaced)

#### ATTACH MULLION CORE TO FIXED CASEMENT UNIT



APPLY 1/16" X 1/2" ON FULL LENGTH OF PRE-CUT MULLION CORE (4 PLACES)









POSITION AWNING UNIT AGAINST MULLION CORE ON TOP OF CASEMENT UNIT AND SCREW TOGETHER THROUGH PRE-DRILLED HOLES

## AWNING OVER SINGLE VENT CASEMENT - 2 OF 2

## SCALE: 1:2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL





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#### AWNING BESIDE SINGLE VENT CASEMENT - 1 OF 2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL

NUMBER OF ANCHOR SCREWS REQUIRED (By Frame Size) Up to 47 15/16" = 4 Screws (2 in Each direction) 42" to 71 15/16" = 6 Screws (3 in each Direction) 72" and Over = 8 Screws (4 in Each Direction)

(Evenly Spaced)

SCALE: 1:2



DRILL & COUNTERSINK FOR A #8 SCREW THROUGH FRAME, SPACED EQUALLY UNDER HINGE TRACK

> APPLY 1/16" X 1/2" ON FULL LENGTH OF PRE-CUT MULLION CORE (4 PLACES)

ATTACH MULLION CORE TO FIXED CASEMENT UNIT



9/64" DRILL THROUGH EXISTING HOLES IN FRAME AND THROUGH POSITIONED MULLION CORE

- POSITION MULLION CORE FLUSH WITH OUTSIDE OF FRAME



# AWNING BESIDE SINGLE VENT CASEMENT - 2 OF 2

SCALE: 1:2



SEE HORIZONTAL MULLION -FINAL ASSEMBLY INSTRUCTIONS FOR ADDITIONAL DETAILS



#### SINGLE VENT CASEMENT BESIDE AWNING - 1 OF 2

#### PRE-DRILL FOR ANCHOR SCREW DETAIL



NUMBER OF ANCHOR SCREWS REQUIRED (By Frame Size) Up to 47 15/16" = 4 Screws (2 in Each direction) 42" to 71 15/16" = 6 Screws (3 in each Direction) 72" and Over = 8 Screws (4 in Each Direction)

(Evenly Spaced)

ATTACH MULLION CORE TO FIXED CASEMENT UNIT



DRILL & COUNTERSINK FOR A #8 SCREW THROUGH FRAME, SPACED EQUALLY UNDER HINGE TRACK

> APPLY 1/16" X 1/2" ON FULL LENGTH OF PRE-CUT MULLION CORE (4 PLACES)







POSITION MULLION CORE FLUSH WITH OUTSIDE OF FRAME



POSITIONED MULLION CORE





# SINGLE VENT CASEMENT BESIDE AWNING - 2 OF 2

SCALE: 1:2







NOTE: THESE SCREW HOLES MUST BE SEALED OFF.

> SEE HORIZONTAL MULLION -FINAL ASSEMBLY INSTRUCTIONS FOR ADDITIONAL DETAILS



# MULLION CORE SV 31-A PREPARATION





## MULLION COVER PREPARATION



EXTERIOR MULLION COVERS SS 54



TIBERGLASS WINDOW SYSTEM 1011 COMMERCIAL AWNING MULLING DETAILS

#### VERTICAL MULLION - FINAL ASSEMBLY INSTRUCTIONS

Windows & Doors

Division of Sound Solutions, LLC

- STEP 1 Size and Cut To Length all Interior and Exterior Mullion Clips (SV 31)
- STEP 2 Apply a 3/8" x 3/8" Round Bead of Sealant along full length of all Vertical and Horizontal Mullion Cores on the exterior side of the composite as shown.
- STEP 3 Snap Mullion Cover (SS 54) into the frame accessory grooves on the exterior side of the composite using a light mallet.
- STEP 4 Apply a 3/8" x 3/8" Round Bead of Sealant along full length of all Vertical and Horizontal Mullion Cores on the interior side of the composite as shown.
- STEP 5 Snap Mullion Cover (SS 53) into the frame accessory grooves on the interior side of the composite using a light mallet.
- STEP 6 Completely seal both ends of mullion with Dow Corning 95 Silicone Structural Adhesive.
- STEP 7 Apply a 5/16" diameter application of Dow Corning 95 Silicone Structural Adhesive over each screw hole on one side of the SV 31-B Support Bar nsuring that each hole will be sealed off when itr is Screwed in place.
- STEP 8 Apply continuous beads of Dow Corning 95 Silicone Structural Adhesive along length the Support Bar and position Bar on the top end of the mullion as close to the interior side as possible, caulking side down.
- STEP 9 Fasten the Support Bar in place using #8 x 1" Pan Head Screws, 3 on each side of mullion.
- STEP 10 Repeat STEPS 6 through 9 on bottom end of mullion.
- STEP 11 Completely cover and seal both top and bottom ends of the mullion using an Ice & Water Shield Membrane. To achieve the required result, the membrane should extend at least 1" past both ends of the support bars.



# FIBERGLASS WINDOW SYSTEM 1011 COMMERCIAL AWNING MULLING DETAILS

#### HORIZONTAL MULLION - FINAL ASSEMBLY INSTRUCTIONS

Windows & Doors

Division of Sound Solutions, LLC

- STEP 1 Size and Cut To Length all Interior and Exterior Mullion Clips (SV 31)
- STEP 2 Apply a 3/8" x 3/8" Round Bead of Sealant along full length of all Vertical and Horizontal Mullion Cores on the exterior side of the composite as shown.
- STEP 3 Snap Mullion Cover (SS 54) into the frame accessory grooves on the exterior side of the composite using a light mallet.
- STEP 4 Apply a 3/8" x 3/8" Round Bead of Sealant along full length of all Vertical and Horizontal Mullion Cores on the interior side of the composite as shown.
- STEP 5 Snap Mullion Cover (SS 53) into the frame accessory grooves on the interior side of the composite using a light mallet.
- STEP 6 Completely seal both ends of mullion with Dow Corning 95 Silicone Structural Adhesive.
- STEP 7 Apply a 5/16" diameter application of Dow Corning 95 Silicone Structural Adhesive over each screw hole on one side of the SV 31-B Support Bar nsuring that each hole will be sealed off when itr is Screwed in place.
- STEP 8 Apply continuous beads of Dow Corning 95 Silicone Structural Adhesive along length the Support Bar and position Bar on the top end of the mullion as close to the interior side as possible, caulking side down.
- STEP 9 Fasten the Support Bar in place using #8 x 1" Pan Head Screws, 3 on each side of mullion.
- STEP 10 Repeat STEPS 6 through 9 on bottom end of mullion.
- STEP 11 Completely cover and seal both top and bottom ends of the mullion using an Ice & Water Shield Membrane. To achieve the required result, the membrane should extend at least 1" past both ends of the support bars.





#### ADJUSTABLE INSTALLATION BRACKET ATTACHMENT





# **FIBERGLASS** WINDOW **SYSTEM** 1011 COMMERCIAL AWNING 1" ARCHITECTURAL MULLION

# 1" ARCHITECTURAL MULLION W/ INSTALLATION BRACKET





# FIBERGLASS WINDOW SYSTEM 1011 COMMERCIAL AWNING MULLING DETAILS

## 4 WAY MULLION DETAILS - 1 OF 4

SCALE: 1:2

MULLION CORE PREPARATION



NOTE: FOR WINDOW COMPOSITES WITH 3 OR MORE UNITS STACKED VERTICALLY, A SPECIAL SET OF DETAILS WILL BE CREATED TO INSURE ALL SIZING AND ASSEMBLY REQUIREMENTS HAVE BEEN ADDRESSED THE HORIZONTAL MULLION CORES ARE SIZED TO TOUCH THE VERTICAL CORE AT THE JOINT AND SIT SHORT ON THE OUTSIDE TO ALLOW FOR THE INSTALLATION OF THE SUPPORT BAR



#### 4 WAY MULLION DETAILS - 2 OF 4

SCALE: 1:2

#### PRE-DRILLING AND SUB-ASSEMBLY



- PRE-DRILL ALL INDIVIDUAL WINDOW UNITS AS REQUIRED USING THE DETAILS SHOWN ON PAGES 2.5.41 THROUGH 2.5 58 TO LOCATE HOLE POSITION, SIZE AND TYPE.
- ASSEMBLE STACKED COMBINATIONS (HORIZONTAL MULLS) FIRST



### 4 WAY MULLION DETAILS - 3 OF 4

SCALE: 1:2



POSITION AND FASTEN VERTICAL MULLION CORE TO DRILLED SIDE OF SUB-ASSEMBLIES



# 4 WAY MULLION DETAILS - 4 OF 4



- FASTEN WINDOWS VERTICAL MULLION CORE USING THE DETAILS SHOWN ON PAGES 2.5.41 THROUGH 2.5.58 TO PRE-DRILL AND SELECT REQUIRED SCREW SIZE.
- POSITION, PRE-DRILL AND FASTEN OPPOSITE SUB-ASSEMBLY TO THE MULLION CORE USING THE DETAILS SHOWN ON PAGES 2.5.41 THROUGH 2.5.58 TO SELECT APPROPRIATE DRILL SIZE AND SCREW REQUIREMENT.
- COMPLETE FINAL ASSEMBLY PROCESS USING DETAILS SHOWN ON PAGES 2.5.61 AND 2.5.62.



# FIBERGLASS WINDOW SYSTEM 1011 COMMERCIAL AWNNG PAN-011 - THERMALLY BROKEN ANCHOR CLIP

## ANCHOR CLIP

#### SCALE: 1:1

Extruded aluminum, thermally broken profile custom designed for the Armaclad Fiberglass Window offering. This product is easy to attach to the window frame with no fasteners required and provides a solid anchor for the window installation.





## ANCHOR CLIP "SNAP IN" ATTACHMENT

#### SCALE: 1:2

The Armaclad Thermally Broken Anchor Clip has been designed to "Snap" install directly into a T slot in the back side of the frame or into a specially designed slot system in the Armaclad exterior pannings.



NOTE: Anchor Clips are normally attached on the job site just prior to the installation of the window into the building structure. Attaching the clips prior to this time would make moving and storing the window product difficult and they could catch or snag a stationary object causing damage to the window frame or the object they have come in contact with.
# ANCHOR CLIP "SLIDE IN" ATTACHMENT

## SCALE: 1:2

The Armaclad Thermally Broken Anchor Clip has been designed to Slide into the "T" slot in the back side of the frame or the Armaclad exterior pannings from corners that have been prepared with clearance openings.



NOTE: Anchor Clips are normally attached on the job site just prior to the installation of the window into the building structure. Attaching the clips prior to this time would make moving and storing the window product difficult and they could catch or snag a stationary object causing damage to the window frame or the object they have come in contact with.



## CROSS SECTION DETAIL

# SCALE: 1:1

### STANDARD GLAZING INSTRUCTIONS

- STEP 1 Apply a continuous bead of Dow Corning (CWS) Contractors Weatherproofing Sealant around the perimeter of the assembled sash glazing leg insuring that it is large enough to touch the glass all the way around.
- STEP 2 Place specified insulating glass unit into the glazing cavity letting it rest against the glazing leg.
- STEP 3 Insert appropriate glazing shims between the insulating glass unit and the frame wall positioning them on all four sides, 2" to 3" from each corner.
- Step 4 Press Glazing Stops into kerf on sash using a light mallet.



#### COMMERCIAL/IMPACT GLAZING INSTRUCTIONS

- STEP 1 Apply a heavy continuous bead of Dow Corning (CWS) Contractors Weatherproofing Sealant around the perimeter of the assembled sash glazing leg insuring that it is large enough to touch the glass all the way around.
- STEP 2 Place specified insulating glass unit into the glazing cavity letting it rest against the glazing leg.
- STEP 3 Insert appropriate glazing shims between the insulating glass unit and the sash wall positioning them on all four sides, 2" to 3" from each corner.
- STEP 4 Fill the cavity between the insulating glass unit and the sash wall with Dow Corning (CWS) Contractors Weatherproofing Sealant around the full perimeter allowing the material to touch the interior of the glass under the stop, insuring a complete seal.
- Step 5 Press Glazing Stops into kerf on sash using a light mallet.

