

### CASEMENT WINDOW



# INSTALLATION INSTRUCTIONS



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#### **GENERAL CONSTRUCTION NOTES**

- 1. CW 3700 windows are intended for project-out, casement applications only.
- 2. Maximum size is 36" wide x 60" high.
- 3. Units are shipped assembled and unglazed.
- 4. These drawings and notes cover typical conditions for the application of this product. Due to individual job requirements it is necessary to refer to final shop drawings for supplemental information, not covered by these instructions.
- 5. Materials stored at the job site must be stored in a safe place, removed from possible damage by other trades. Store off of the ground, with adequate separation to prevent rubbing of materials. Cardboard or paper wrapped materials must be kept dry. Check materials upon receipt for quantity, and record where various materials are stored.
- 6. All field welding must be adequately shielded to prevent any weld splatter on either aluminum or glass. Failure to do so could produce unsightly and/or structurally unsound results.
- 7. Coordinate protection of installed work with general contractor and other trades.
- 8. Coordinate construction sequence of other trades, which affect window installation, with general contractor.
- 9. General contractor shall furnish and guarantee opening dimensions. These dimensions should be checked for accuracy before proceeding with installation. Make certain that all adjacent construction is in accordance with the contract documents and approved shop drawings. In case of discrepancy, notify the general contractor in writing before proceeding with installation.
- 10. All aluminum should be isolated from direct contact with masonry or other incompatible materials, using a heavy coat of bituminous paint.
- 11. Sealant selection is the responsibility of the installer and/or glazier and must be approved by the sealant manufacturer with regard to application and compatibility. All sealants must be used in strict accordance with the manufacturer's instructions, applied by trained personnel to surfaces that have been properly prepared.
- 12. All materials must be installed plumb, level and true with regard to bench marks and column centerlines, as established by the general contractor and verified by the installer.

# **MATERIALS LIST & PARTS IDENTIFICATION**

P3702	δ	BULB WEATHERING	N.B.T.	N.B.T	TREMCO POLYSHIM II WITH 1/8" SHIM OR EQUAL
P3703	Ş	glazing Wedge	N.B.T.		3/8" x 1" x 4" SETTING BLOCK
P3714		CASEMENT HANDLE			
P3715	7	ROTO OPERATOR			
P3716		CASEMENT HINGE			
P3706		MULL ADAPTER			
P3707		FLUSH GLAZE ADAPTER			
P3708		CURTAINWALL ADAPTER			



GLASS SIZE = WINDOW FRAME DIM - 4 1/2"







# **TYPICAL INSTALLATION**



**FIGURE 3** 

--1/16"

5

**FIGURE 2** 

5



### **GLAZING PROCEDURE CONTINUE:**

**Sealing Corners -**

1) Make sure the sealant completely fills the joint.

2) Using a non-scratching implement, tool the sealant immediate after running the bead. Exert positive pressure to ensure that the sealant makes complete contact will all surfaces.



# **OPTIONAL T14000 INSTALLATION**





### **GLAZING PROCEDURE CONTINUE:**

**Sealing Corners -**

1) Make sure the sealant completely fills the joint.

2) Using a non-scratching implement, tool the sealant immediate after running the bead. Exert positive pressure to ensure that the sealant makes complete contact will all surfaces.



# **OPTIONAL CURTAINWALL INSTALLATION**



# **OPTIONAL CURTAINWALL INSTALLATION**

#### WINDOW FRAME PREPARATION

1. APPLY ADAPTER P3708 TO HEAD, SILL AND JAMBS USING PROGLAZE SG SILICONE PER FIGURE 1.

#### **GLAZING PROCEDURE**

- 1. APPLY TREMCO POLYHIM II BUTYL GLAZING TAPE CONTIN-UOUS TO SASH AS INDICATED IN FIGURES 2A AND 2B. BACK UP JOINTS WITH 6" TO 8" LONG BEAD OF BUTYL SEALANT AT CORNERS. SEE CORNER DETAIL.
- 2. INSTALL TWO (2) 3/8" x 1" SETTING BLOCKS AT BOTTOM HINGE SIDE CORNER. LOCATE AS INDICATED IN FIG-URES 2 & 3.
- 3. SET GLASS ON SETTING BLOCKS, TIGHT AGAINST GLAZING TAPE.
- 4. AFTER SQUARING SASH, INSTALL TWO (2) SETTING BLOCKS AT UPPER LOCK SIDE CORNER, AS SHOWN IN FIGURE 3. ADJUST BLOCK THICKNESS AS REQUIRED TO KEEP SASH SQUARE.
- 5. INSTALL INTERIOR GLASS STOPS. A. USE E3702 FOR 1" GLASS (SEE FIGURE 5A). B. USE E3703 FOR 1/4" GLAZING (SEE FIGURE 5B).
- 6. INSTALL P3703 WEDGE GASKET.

HINGE SIDE

'n

- A. CUT GASKET SLIGHTLY LONGER THAN DLO. ADD APPROXIMATELY 1/16" TO 1/8" PER FOOT. B. START AT ENDS AND WORK TOWARDS CENTER
- OF GLASS LITE.
- C. SEAL GASKET BUTT JOINTS AT CORNERS WITH BUTYL SEALANT.

**FIGURE 3** 

'n

-LOCK SIDE



### **GLAZING PROCEDURE CONTINUE:**

**Sealing Corners -**

1) Make sure the sealant completely fills the joint.

2) Using a non-scratching implement, tool the sealant immediate after running the bead. Exert positive pressure to ensure that the sealant makes complete contact will all surfaces.





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