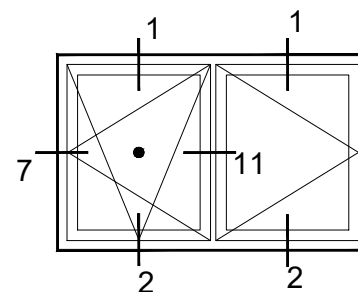


D



F • INDICATES ACTIVE LEAF

4700 SERIES - WINDOWS							
Typical sizes min and max							
MARK	TYPE	WIDTH		HEIGHT		MAX. AREA	MAX. WEIGHT
		Min	Max	Min	Max	Sq. Ft	Lbs
A	TILT & TURN	16"	54"	17 1/4"	84"	31.5	198
B	TILT ONLY	16"	72"	17 3/4"	84"	31.5	198
C	PICTURE	10 1/2"	144"	10 1/2"	144"	70	-
F	FRENCH TILT & TURN	29 1/4"	72"	17 3/4"	84"	42	198

Notes:
All dimensions are from edge of the frame to edge of the frame
Maximum 143" overall dimension for single frame with mullion
Maximum 215" overall dimension for mullied units



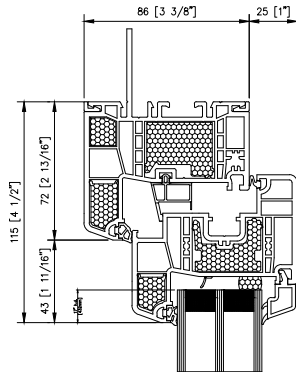
EUROLINE
WINDOWS

Title:
THERMOPLUS 4700 Series
Hybrid Tilt & Turn Window System

Drawing:
Elevations

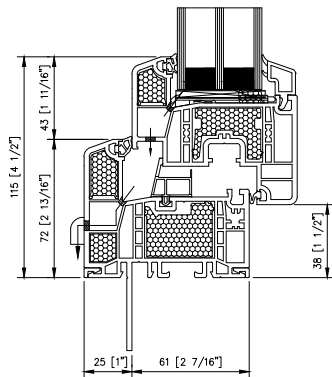
Drawn: AM	Date: Oct 01, 2021 - 11:24am
Drawing no: 1	Scale: 1 : 2
	Revision no: 3

1 4700 PHC OPERABLE - HEAD

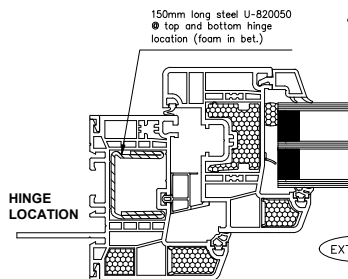


EXTERIOR

INTERIOR

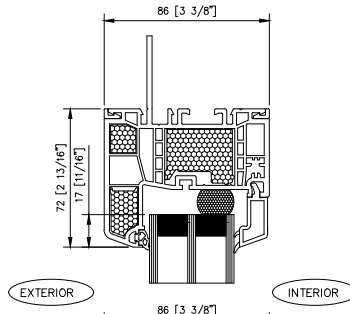


2 4700 PHC OPERABLE - SILL



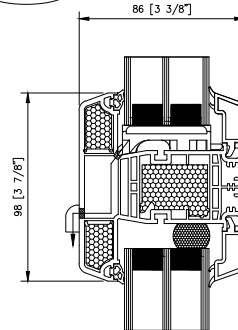
7 4700 PHC OPERABLE - JAMB

3 4700 PHC PICTURE - HEAD

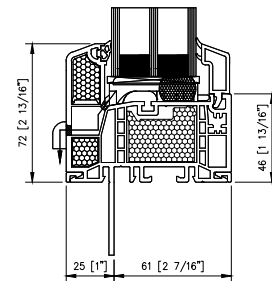


EXTERIOR

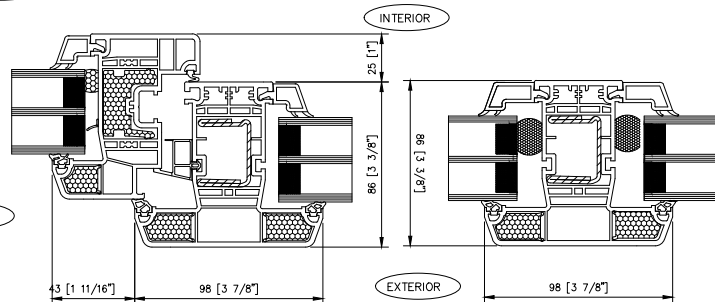
INTERIOR



4 4700 PHC HORIZONTAL T-MULLION

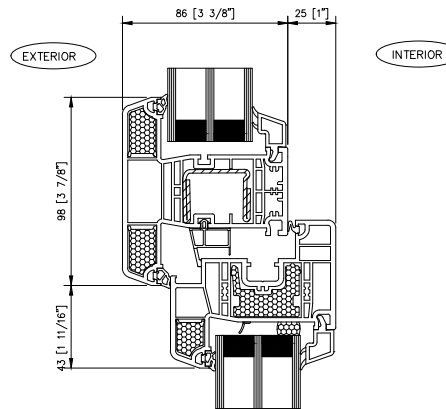


5 4700 PHC PICTURE - SILL

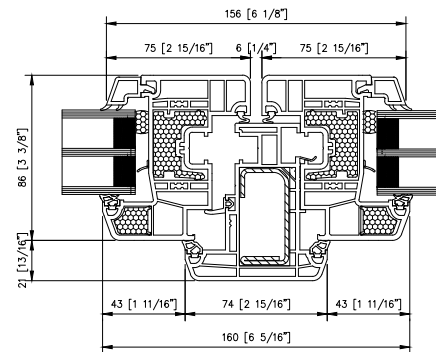


8 4700 PHC OPERABLE - T-MULLION

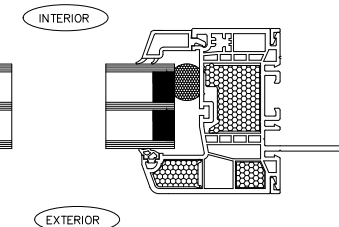
9 4700 PHC T-MULLION



6 4700 OPERABLE/PICTURE - HORIZONTAL T-MULLION



11 4700 PHC FRENCH WINDOW - ASTRAGAL



10 4700 PHC PICTURE - JAMB



EUROLINE
WINDOWS

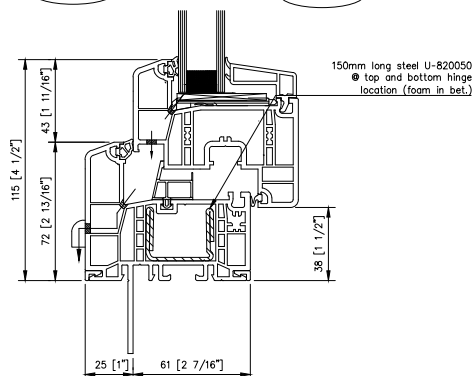
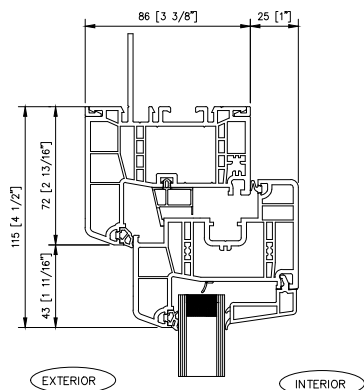
Title:
THERMOPLUS 4700 Series
Hybrid Tilt & Turn Window System

Drawing:
Triple Glaze & Foam Insert

Drawn: AM	Date: Oct 01, 2021 - 11:24am
Drawing no. 2	Scale: 1 : 2
	Revision no. 3

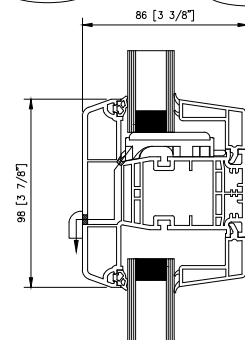
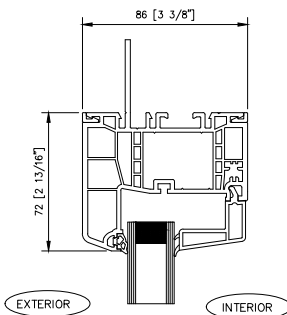
Note:
Foam Insert is an optional
mainly use in Passive
House Certified (PHC)
products

1 4700 OPERABLE - HEAD

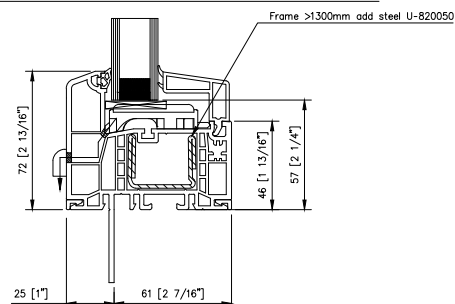


2 4700 OPERABLE - SILL

3 4700 PICTURE - HEAD

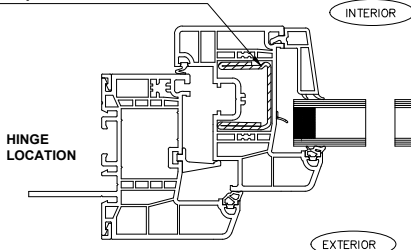


4 4700 PICTURE/PICTURE - HORIZONTAL T-MULLION



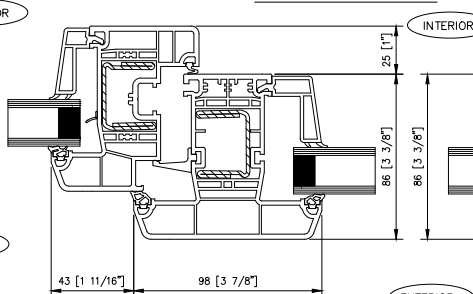
5 4700 PICTURE - SILL

Sash height >1753mm add steel U-820050

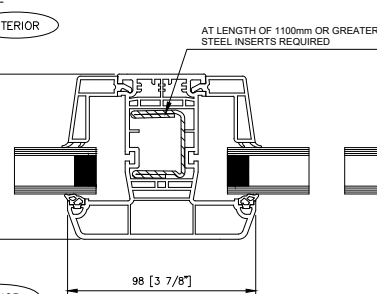


7 4700 OPERABLE - JAMB

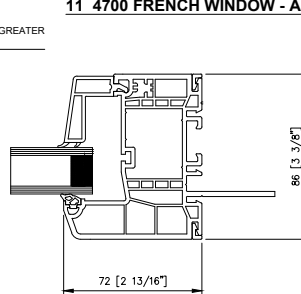
8 4700 OPERABLE/PICTURE - T-MULLION



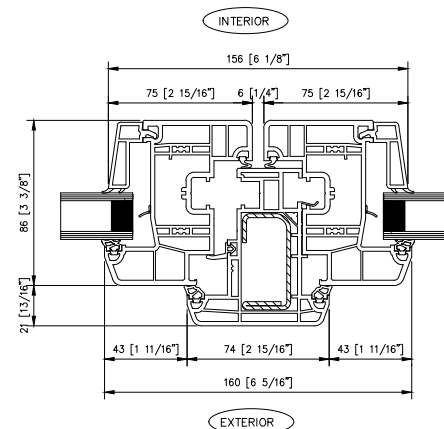
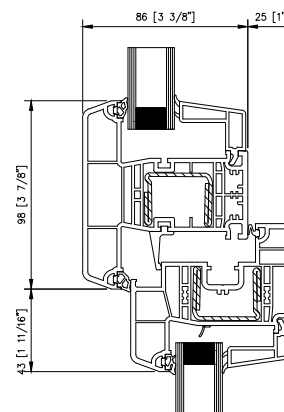
9 4700 T-MULLION



10 4700 PICTURE/PICTURE - JAMB



6 4700 OPERABLE/PICTURE - HORIZONTAL T-MULLION



11 4700 FRENCH WINDOW - ASTRAGAL



EUROLINE
WINDOWS

Title:
THERMOPLUS 4700 Series
Hybrid Tilt & Turn Window System

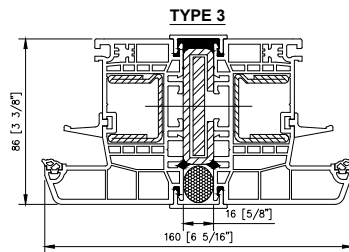
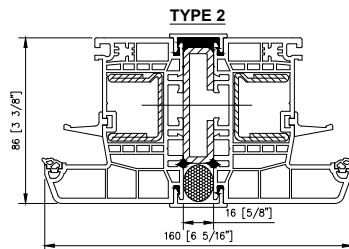
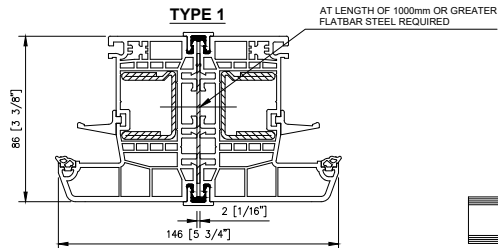
Drawing:
Double Glaze

Drawn: AM	Date: Oct 01, 2021 - 11:24am
Drawing no. 3	Scale: 1 : 2
	Revision no. 2

Note: If the height is above 80" or width is above 143", the unit is coupled using a steel profile. The type will depend on the calculation chart. This statement is a minimum requirement and specific geographic wind-load calculations may apply.

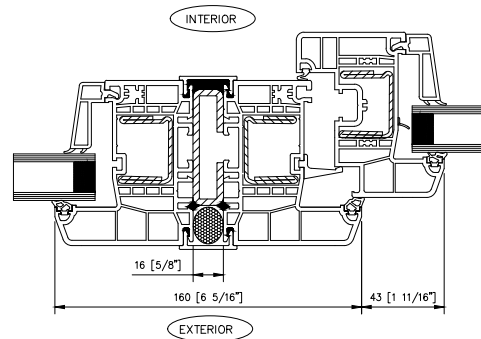
Connection type	Ix	Iy
T-Mullion	7.5 cm ⁴	3.4 cm ⁴
Type 1	14.4 cm ⁴	5.8 cm ⁴
Type 2	30.4 cm ⁴	7.14 cm ⁴
Type 3	36.65 cm ⁴	7.23 cm ⁴
Type 8	70 cm ⁴	26 cm ⁴
Type 14	121 cm ⁴	25 cm ⁴

CONNECTION PROFILES



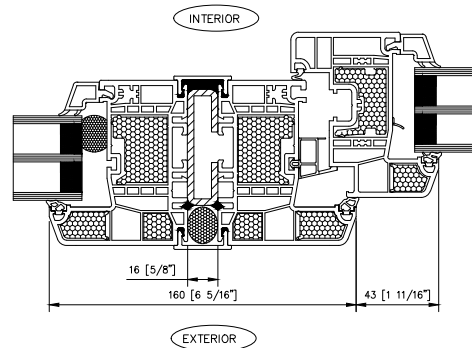
**Note: type 8 and type14 details in the next page

DOUBLE GLAZE WITH TYPE 2



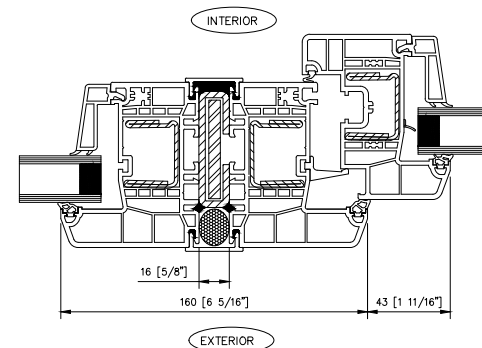
9 4700 PICTURE/OPERABLE

TRIPLE GLAZE + FOAM INSERT WITH TYPE 2



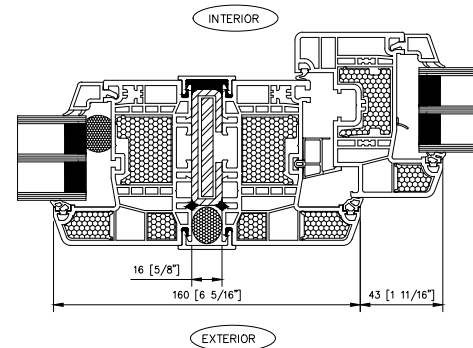
9 4700 PICTURE/OPERABLE

DOUBLE GLAZE WITH TYPE 3



9 4700 PICTURE/OPERABLE

TRIPLE GLAZE + FOAM INSERT WITH TYPE 3



9 4700 PICTURE/OPERABLE



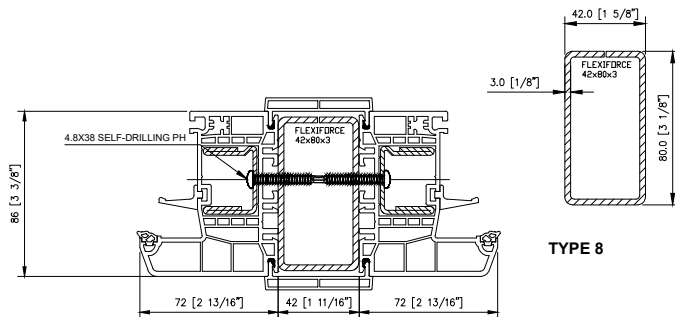
Title:
THERMOPLUS 4700 Series
Hybrid Tilt & Turn Window System

Drawing:
Muller connection details

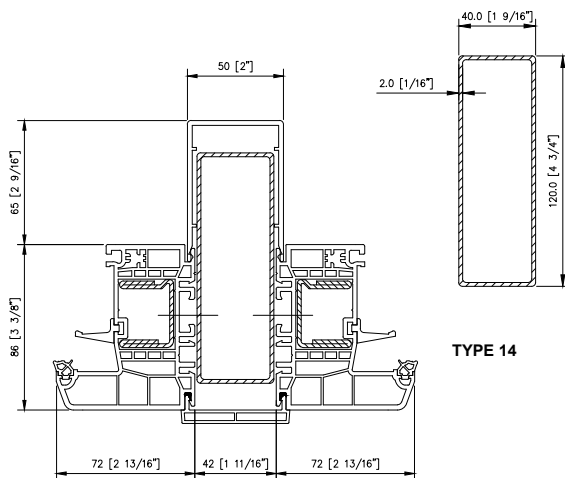
Drawn: AM	Date: Oct 01, 2021 - 11:24am
Drawing no. 4	Scale: 1:2
	Revision no. 3

Note: If the height is above 80" or width is above 143", the unit is coupled using a steel profile. The type will depend on the calculation chart

CONNECTION PROFILES

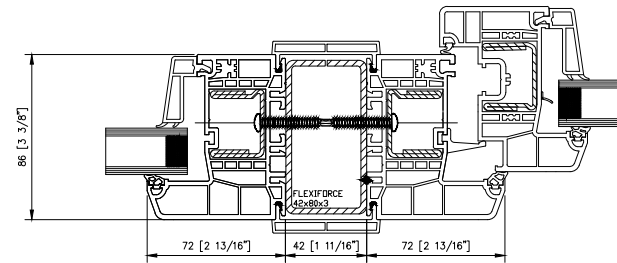


TYPE 8

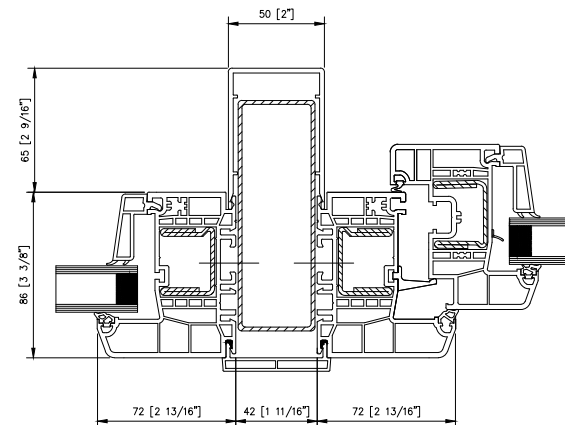


TYPE 14

Connection type	Ix	Iy
T-Mullion	7.5 cm ⁴	3.4 cm ⁴
Type 1	14.4 cm ⁴	5.8 cm ⁴
Type 2	30.4 cm ⁴	7.14 cm ⁴
Type 3	36.65 cm ⁴	7.23 cm ⁴
Type 8	70 cm ⁴	26 cm ⁴
Type 14	121 cm ⁴	25 cm ⁴



9 4700 PICTURE/OPERABLE



9 4700 PICTURE/OPERABLE

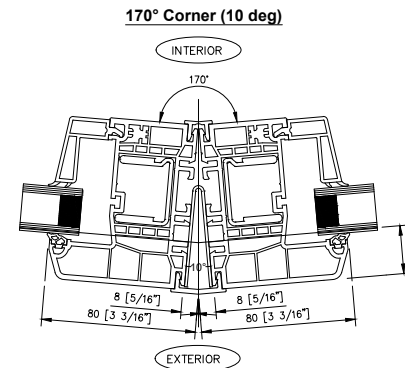
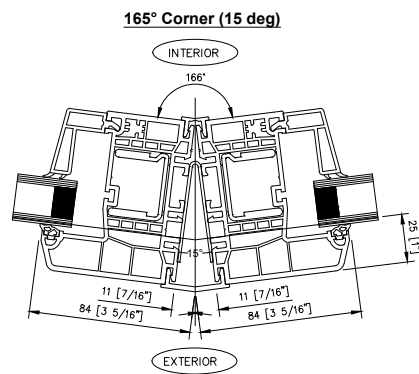
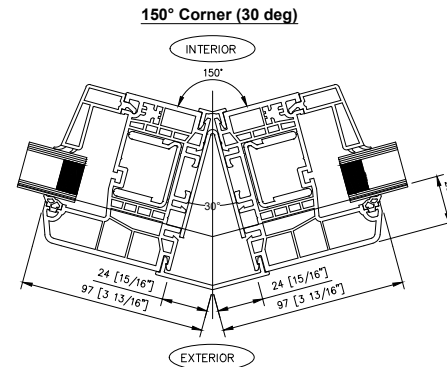
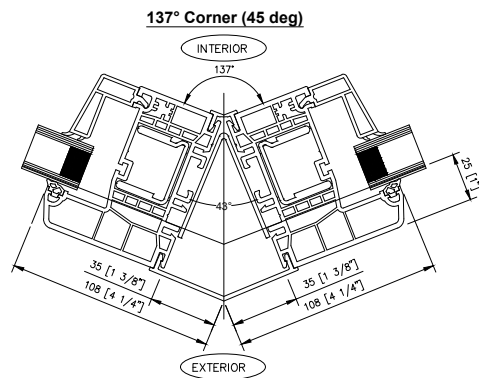


EUROLINE
WINDOWS

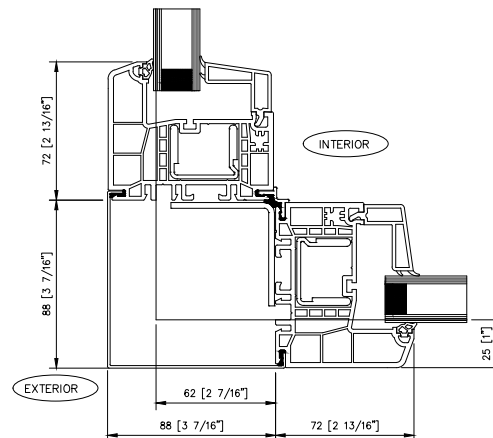
Title:
THERMOPLUS 4700 Series
Hybrid Tilt & Turn Window System

Drawing:
Mullion connection details

Drawn: AM	Date: Oct 01, 2021 - 11:24am
Drawing no. 5	Scale: 1 : 2
	Revision no. 3



Note: Angled Steel Maximum Bent Length = 10 feet (120\") Length]

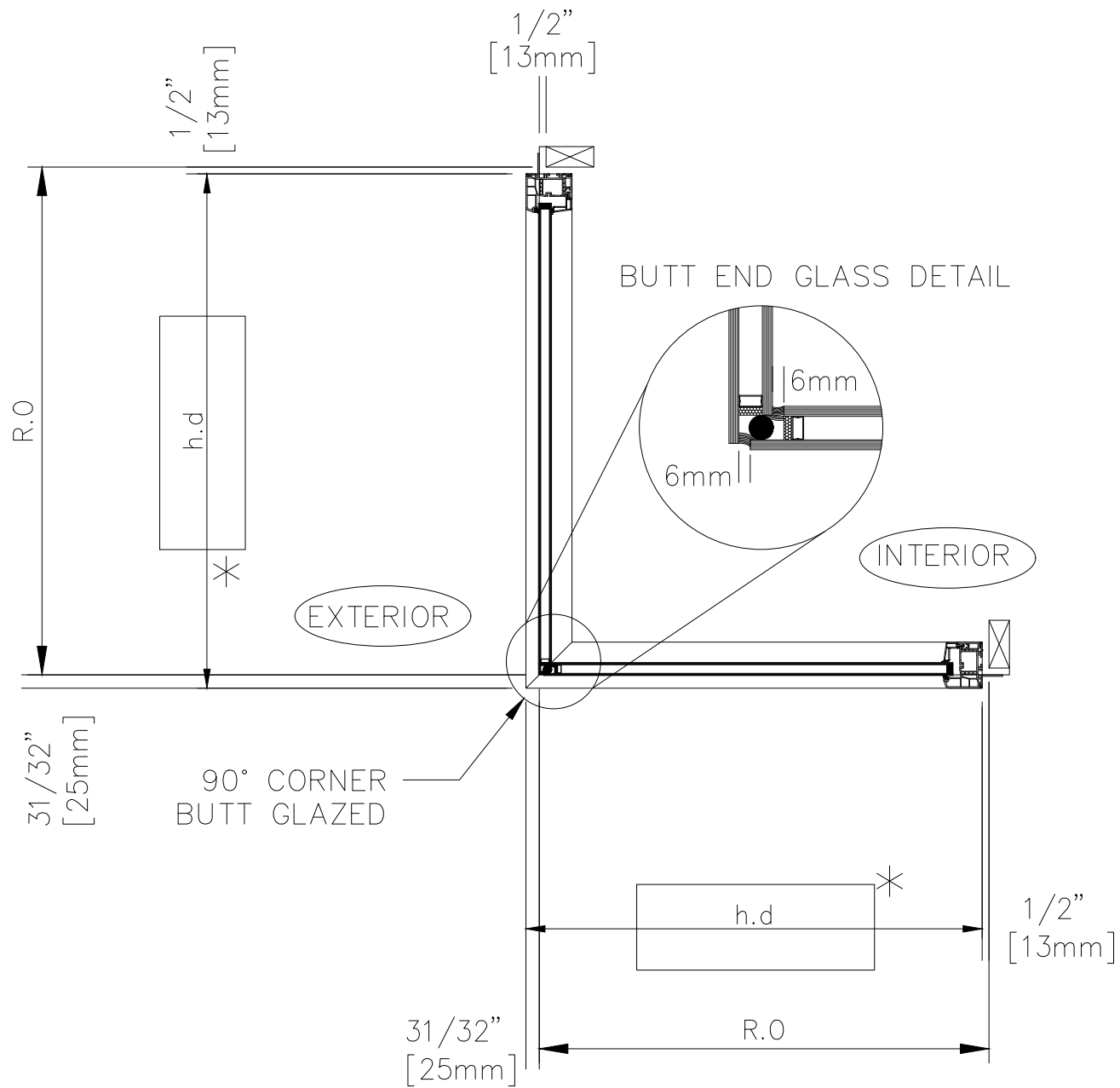


EUROLINE
WINDOWS

Title:
THERMOPLUS 4700 Series
Hybrid Tilt & Turn Window System

Drawing:
Angled Connection

Drawn: AM	Date: Oct 01, 2021 - 11:24am
Drawing no. 6	Scale: 1 : 2
	Revision no. 3

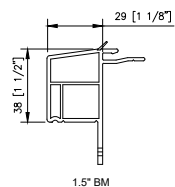


EUROLINE
WINDOWS

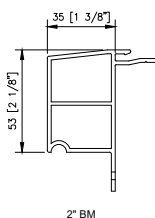
Title:
THERMOPLUS 4700 Series
Hybrid Tilt & Turn Window System

Drawing:
4700 SERIES
90° BUTT PICTURE WINDOW

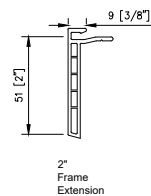
Drawn: AM	Date: Oct 01, 2021 - 11:24am
Drawing no. 7	Scale: 1" = 1' 0"
	Revision no. 3



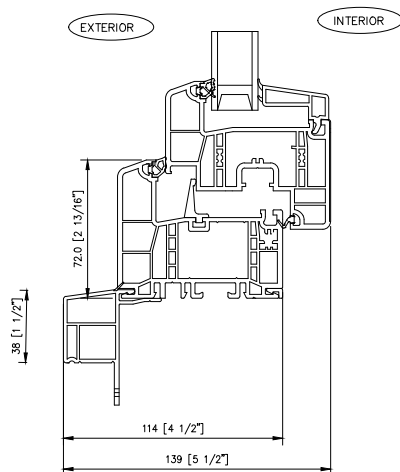
1.5" BM



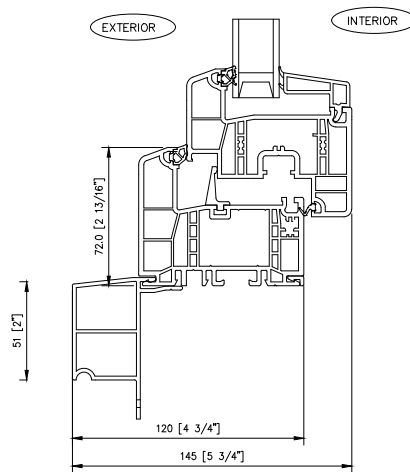
2" BM



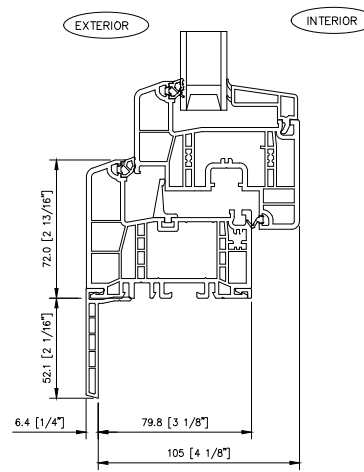
2" Frame Extension



2 4700 OPERABLE + 1.5" BM - SILL



2 4700 OPERABLE + 2" BM - SILL



2 4700 OPERABLE + 2" FRAME EXTENSION - SILL

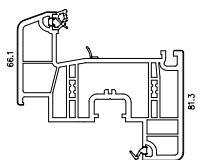
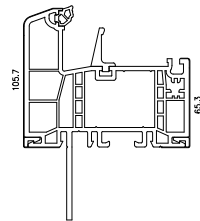


EUROLINE
WINDOWS

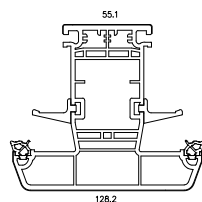
Title:
THERMOPLUS 4700 Series
Hybrid Tilt & Turn Window System

Drawing:
BM + FRAME EXTENSION

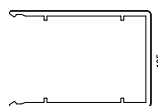
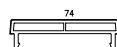
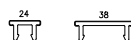
Drawn: AM	Date: Oct 01, 2021 - 11:24am
Drawing no. 8	Scale: 1 : 2
	Revision no. 3



FRAME + SASH



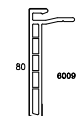
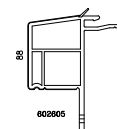
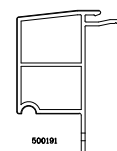
MULLION



Connection Covers



GLAZING BEADS



BM + Extension



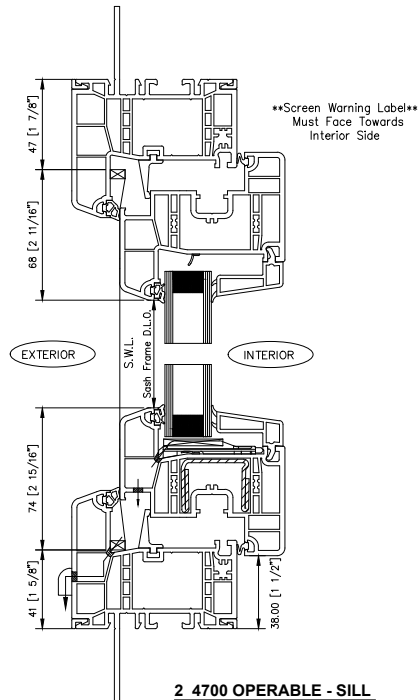
EUROLINE
WINDOWS

Title:
THERMOPLUS 4700 Series
Hybrid Tilt & Turn Window System

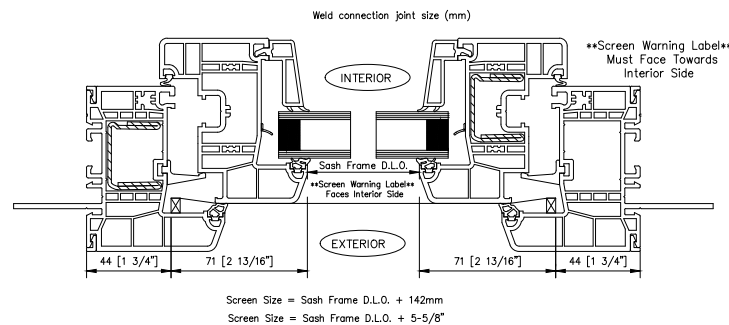
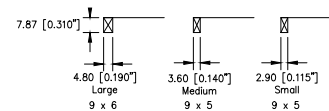
Drawing:
Colour foil surfaces

Drawn: AM	Date: Oct 01, 2021 - 11:24am
Drawing no. 9	Scale: 1 : 2
	Revision no. 3

1 4700 OPERABLE - HEAD



2 4700 OPERABLE - SILL



7 4700 OPERABLE - JAMB

FlexScreen Canada Sizing - Various Methods

Basic Screen Size Formula = Overall Frame Heel Dimension Size - 3.50"

Basic Shapes: Squares & Rectangles only

Min. screen width = 229mm (9")
Max. screen width = 1448mm (57")
Max. screen height = 2210 (87")

Screen Width Size (mm) = Sash Frame D.L.O. Width + 142mm
Screen Height Size (mm) = Sash Frame D.L.O. Height + 142mm

Screen Width Size (Inches) = Sash Frame D.L.O. Width + 5-5/8"
Screen Height Size (Inches) = Sash Frame D.L.O. Height + 5-5/8"

All standard Phifer insect screen fabric

FlexScreen Coated Spring Steel Wire Sizes - based on overall screen size and calculated by screen manufacturing equipment.

Note: Weld connection joint increases overall dimensions, however appears to be bent inwards towards center of screen to avoid interference fit.

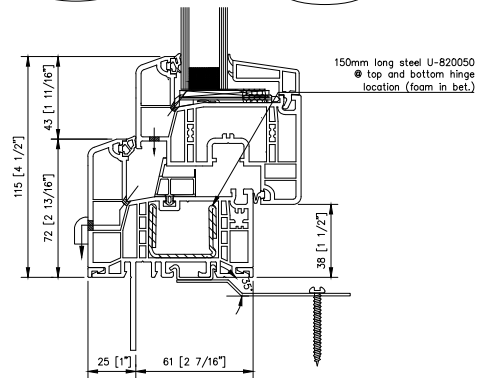
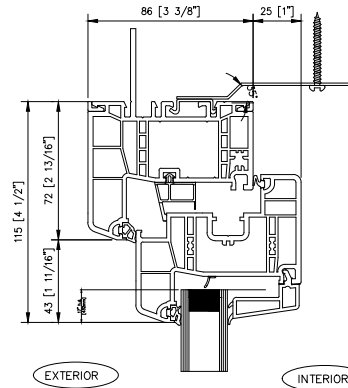


Title:
THERMOPLUS 4700 Series
Hybrid Tilt & Turn Window System

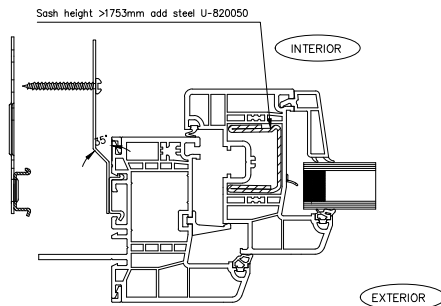
Drawing:
FlexScreen details and
calculations

Drawn: AM	Date: Oct 01, 2021 - 11:24am
Drawing no. 10	Scale: 1 : 2
	Revision no. 3

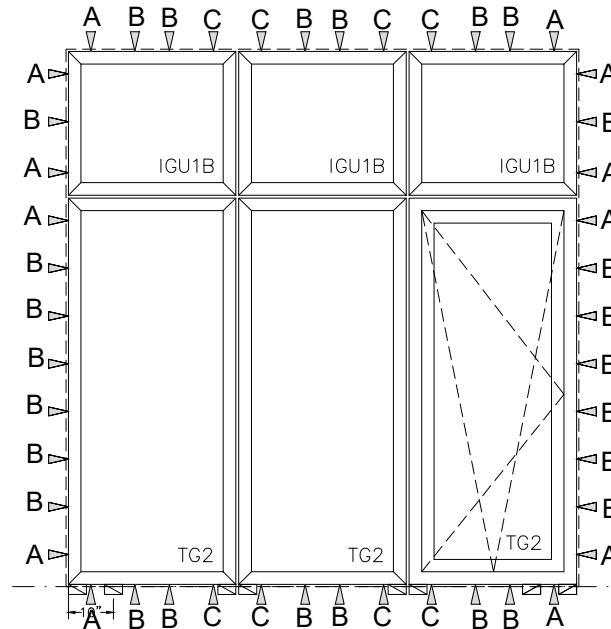
1 4700 OPERABLE - HEAD



2 4700 OPERABLE - SILL

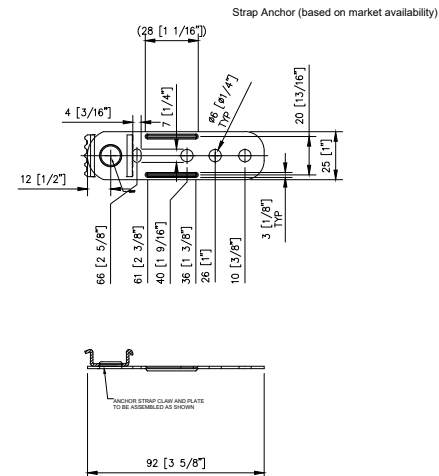



7 4700 OPERABLE - JAMB



3 WINDOW ELEVATION - EXTERIOR VIEW

- A. CORNER ANCHORS – SECURE APPROXIMATELY 5" FROM THE CORNERS, APPLIES TO CONNECTION CORNERS AS WELL.
- B. PERIMETER ANCHORS – MINIMUM OF 16" ON CENTER THEREAFTER
- C. MULLION AND TRANSOM ANCHORS – ALWAYS ANCHOR WITHIN 5" OF MULLION OR TRANSOM



 EUROLINE WINDOWS		
Title: THERMOPLUS 4700 Series Hybrid Tilt & Turn Window System		
Drawing: Strap Anchors & Installation		
Drawn: AM	Date: Oct 01, 2021 - 11:24am	
Drawing no. 11	Scale: 1 : 2	Revision no. 3