

AL750

TILT & TURN / FIX WINDOW



TECHNICAL DATA

AL750 is a complete high performance thermal insulation system with great energy efficiency, sound reduction, aesthetics and safety.



FIX



TILT & TURN



CHARACTERISTICS

GENERAL CHARACTERISTICS:

This product line's wide profile range offers a variety of functional and aesthetic options, such as straight or curved cross sections. There is also the possibility of manufacturing complex typologies to achieve the best look for your home.

- High thermal insulation
- Exceptional water tightness and sound insulation
- Stainless steel locking mechanism on perimetric system
- Superior safety due to multiple perimetric locking
- A straight profile with no curves
- Multi-chamber central gasket that ensures optimum impermeability thus preventing energy loss
- Ability to manufacture with 45 cut-outs, but also snap-fit ones for excellent visual effect inside of the frame



TECHNICAL SPECIFICATIONS

SYSTEM TECHNICAL SPECIFICATIONS:

AL750 Fix

- Frame height 56 mm
- Frame width 118 mm
- Minimum sash height N/A
- Sash width N/A
- Sash weight N/A
- Glass thickness 29 mm - 45 mm
- Isolation Polyamides 32 mm, NEOCOAT EPS

AL750 Tilt & Turn

- Frame & sash height 108 mm
- Frame width 115 mm
- Minimum sash height 82 mm
- Sash width 77.5 mm
- Sash weight up to 200 kg
- Glass thickness 29 mm - 45 mm
- Isolation Polyamides 32 mm, NEOCOAT EPS



PERFORMANCE SPECIFICATIONS

SYSTEM PERFORMANCE SPECIFICATIONS:

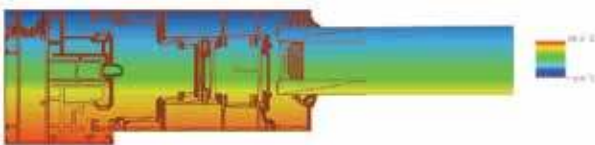
- Air permeability - Class CW/A3
- Watertightness - Class CW
- Resistance to wind load - Class CW
- Acoustic insulation 41 (-1,-3) dB - EN ISO10140-2



PERFORMANCE SPECIFICATIONS



INSULATION RATE:



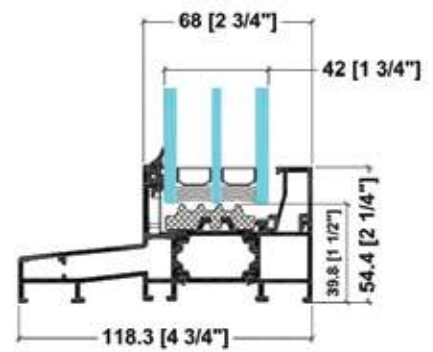
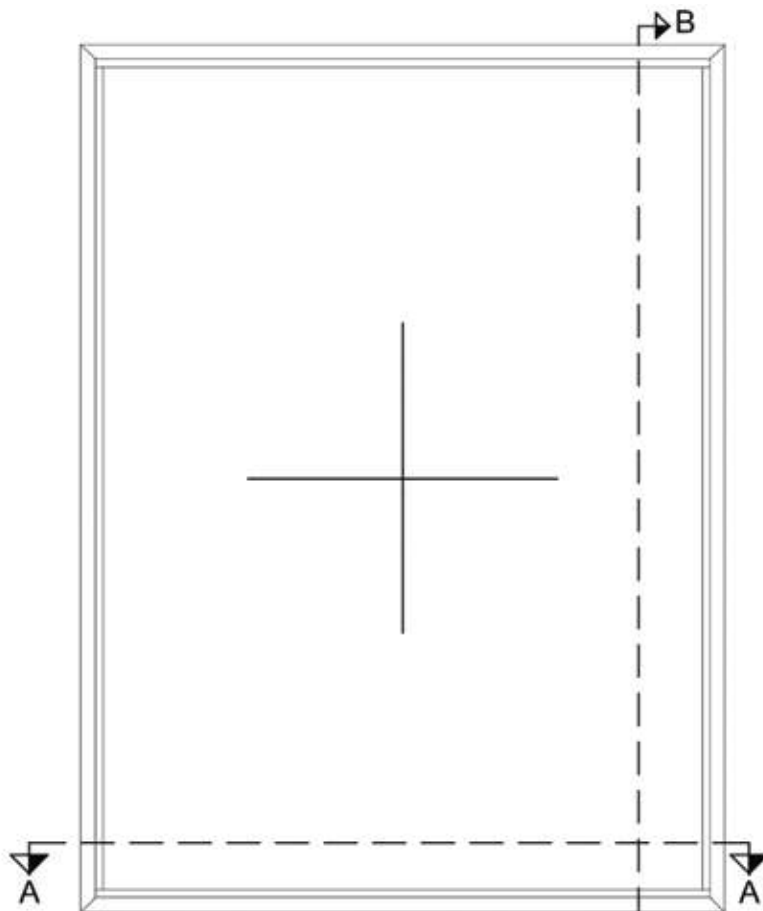
- $U_w = 0.91 \text{ W/m}^2\text{K}$ - AL680 Fix
- $U_w = 1.12 \text{ W/m}^2\text{K}$ - AL680 Tilt & Turn
- Thermal conductivity coefficient has been calculated for construction: 1200 x 1500
- Glass type: 40mm (SKN176#2
6mm-Arg95-PCL 4mm-Arg 95 SKN176#5
6mm)

CERTIFICATION:

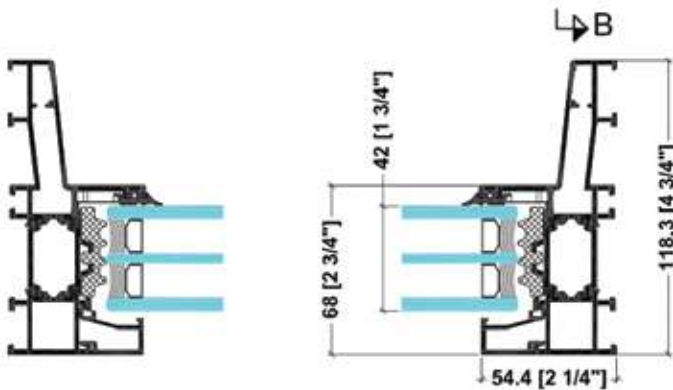
- Performance testing in accordance with:
AAMA/WDMA/CSA 101/ I.S.2 / A440-11, CSA
A440S1-09 & CSA A440S1-17 AAMA/WD-
MA/CSA 101/I.S.2/ A440-17 (NAFS 2017) &
CSA A440S1:19
- NFRC Thermal simulation in accordance with:
ANSI/NFRC 100, ANSI/NFRC 200 and NFRC
500



TECHNICAL SKETCHES & SECTION VIEWS



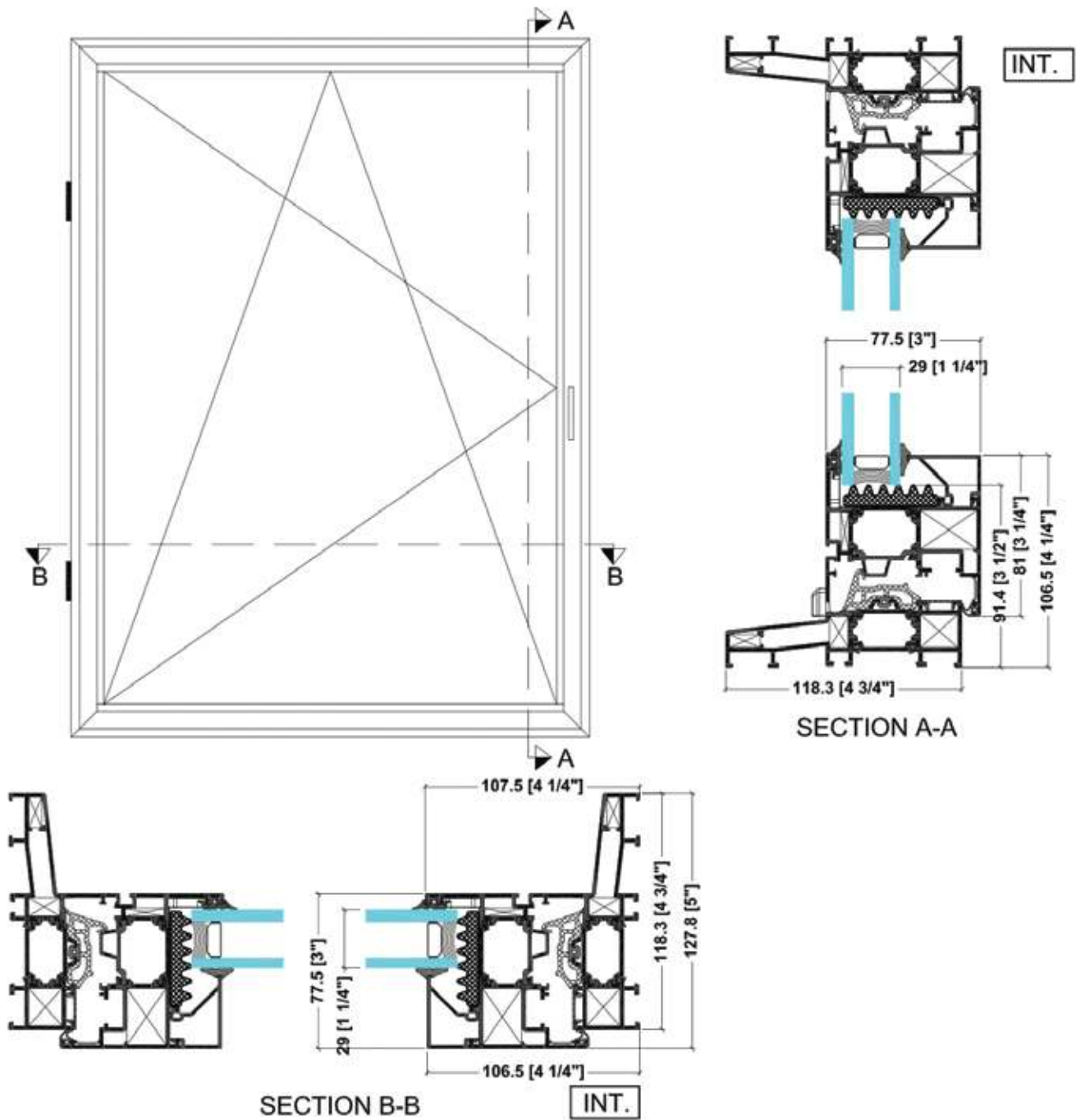
SECTION A-A



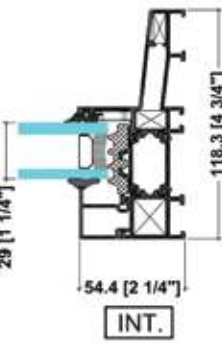
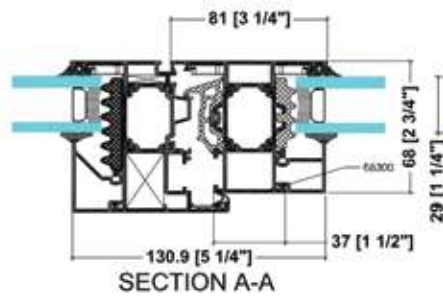
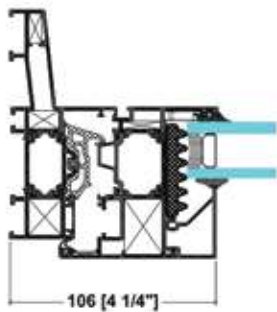
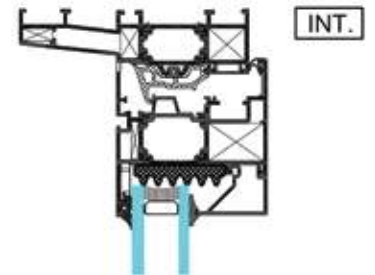
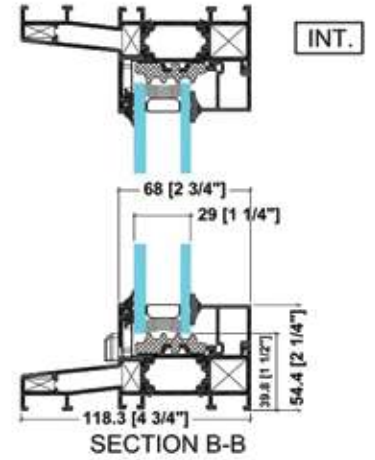
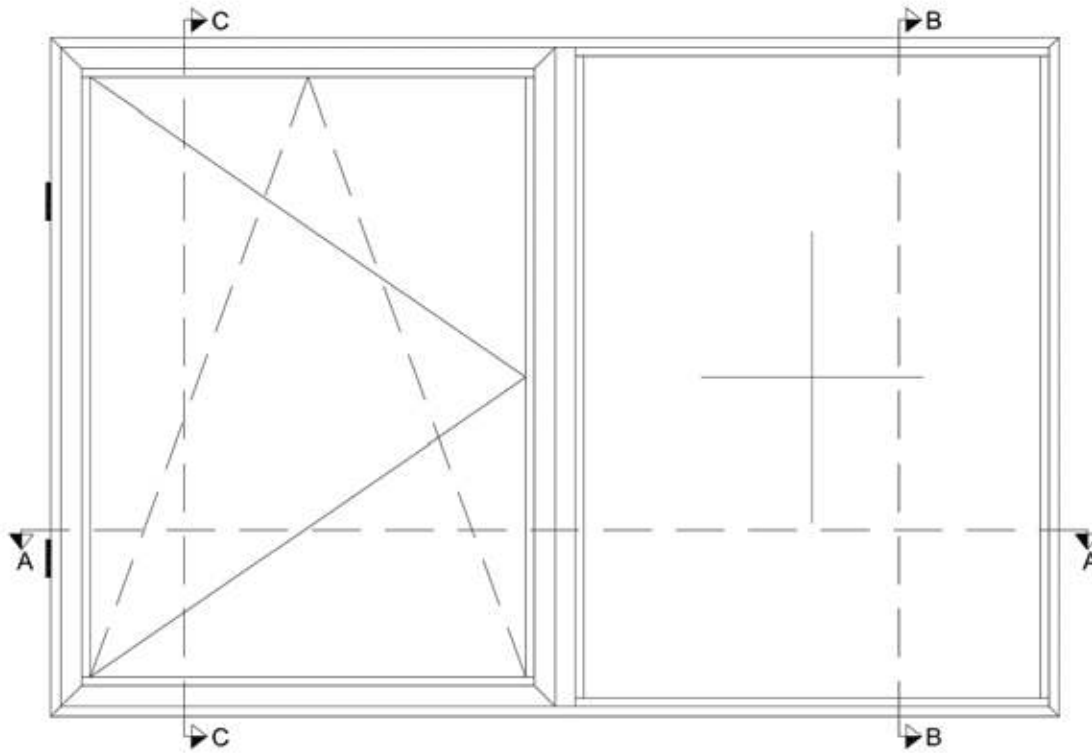
SECTION B-B

INT.

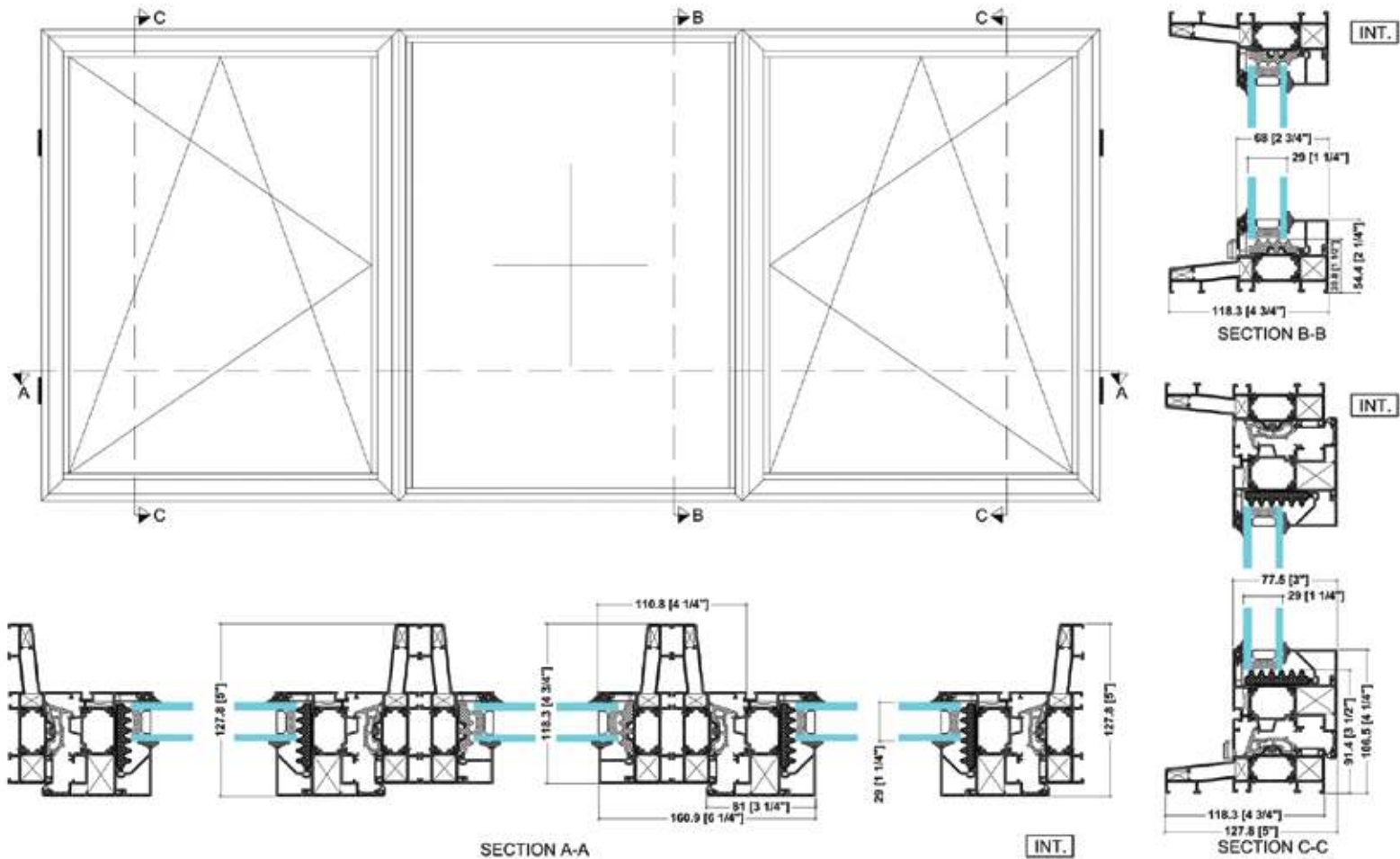
TECHNICAL SKETCHES & SECTION VIEWS



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TECHNICAL SKETCHES & SECTION VIEWS



AL750 - T&T - FIX - T&T WINDOW - DOUBLE GLAZING





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