

SL550

LIFT & SLIDE DOOR



 lumalco

TECHNICAL DATA

Our lift and slide system can make a 200 kg door feel almost weightless in movement. Thanks to its fully integrated compact structure, it possesses excellent water tightness and air permeability.



CHARACTERISTICS

GENERAL CHARACTERISTICS:

Alumalco is authorized to use the QUALICOAT & AAMA quality mark for paint, lacquer, and powder coating on aluminum for architectural applications.

- Elegant linear design
- Excellent airtightness and permeability
- High thermal insulation
- 50 mm wide sash allows for 23 to 42 mm glazing
- Excellent view, using a narrow locking profile
- Maximum weight per sash - 200 kg



TECHNICAL SPECIFICATIONS

SYSTEM TECHNICAL SPECIFICATIONS:

- Frame height 45 mm
- Frame width 168 to 255 mm
- Minimum sash height 80 mm
- Sash width 50 mm
- Frame weight up to 200 kg
- Glass thickness - 23 to 42 mm
- Polyamide insulation: 24 mm on sash & 34 on frame, NEOCOAT EPS



PERFORMANCE SPECIFICATIONS

SYSTEM PERFORMANCE SPECIFICATIONS:

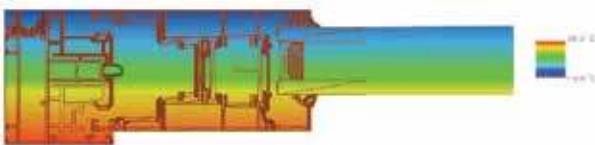
- Air permeability up to R class
- Watertightness to R class
- Wind resistance up to A3 class
- Sound Insulation 41 (-1,-3) dB - EN ISO 10140-2



PERFORMANCE SPECIFICATIONS



INSULATION RATE:



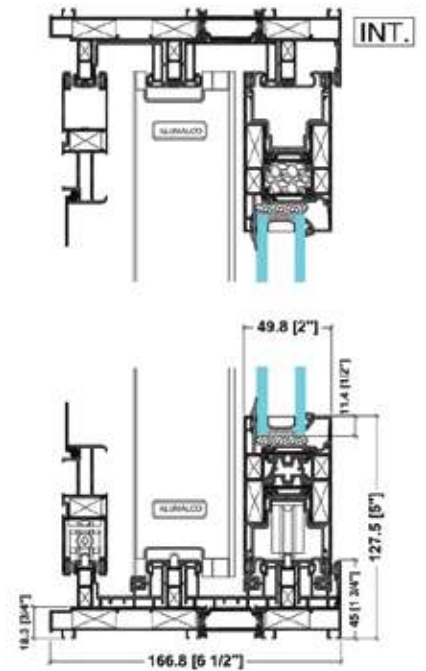
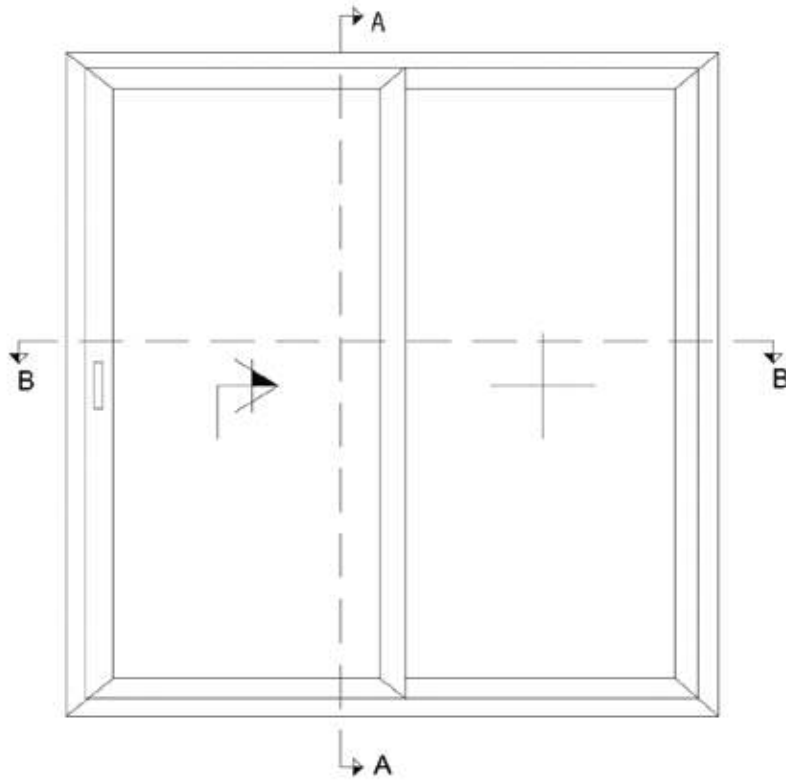
- $U_w = 1.58 \text{ W/m}^2\text{K}$
- Thermal conductivity coefficient has been calculated for construction: 2000 x 2000
- Glass type: 40mm (SKN176#2
6mm-Arg95-PCL 4mm-Arg 95 SKN176#5
6mm)

CERTIFICATION:

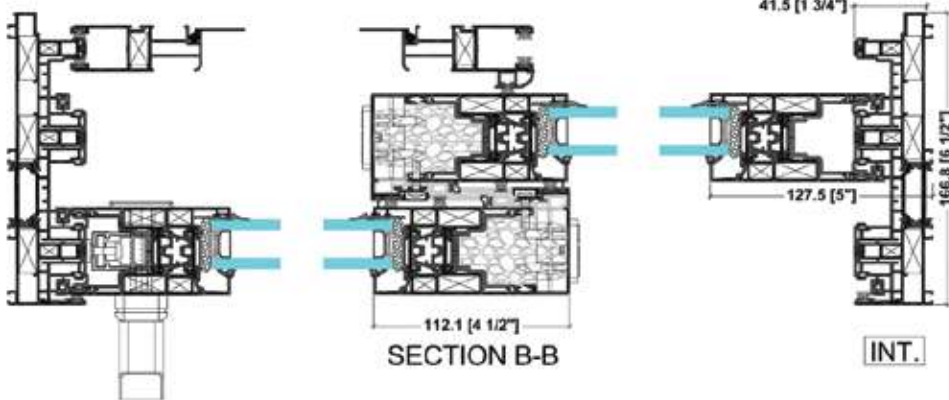
- Performance testing in accordance with:
AAMA/WDMA/CSA 101/ I.S.2 / A440-11, CSA
A440S1-09 & CSA A440S1-17 AAMA/WD-
MA/CSA 101/I.S.2/ A440-17 (NAFS 2017) &
CSA A440S1:19
- NFRC Thermal simulation in accordance with:
ANSI/NFRC 100, ANSI/NFRC 200 and NFRC
500



TECHNICAL SKETCHES & SECTION VIEWS



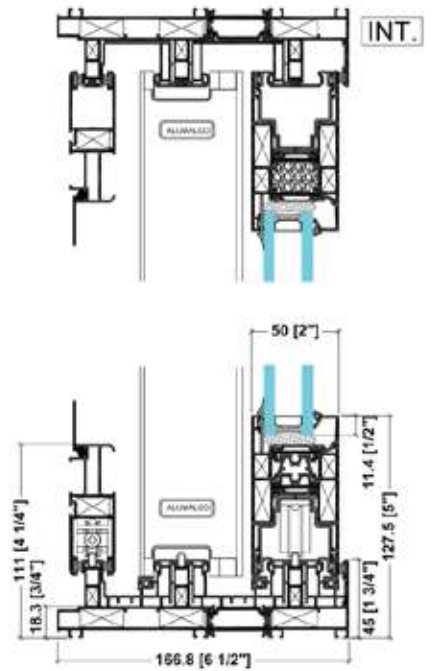
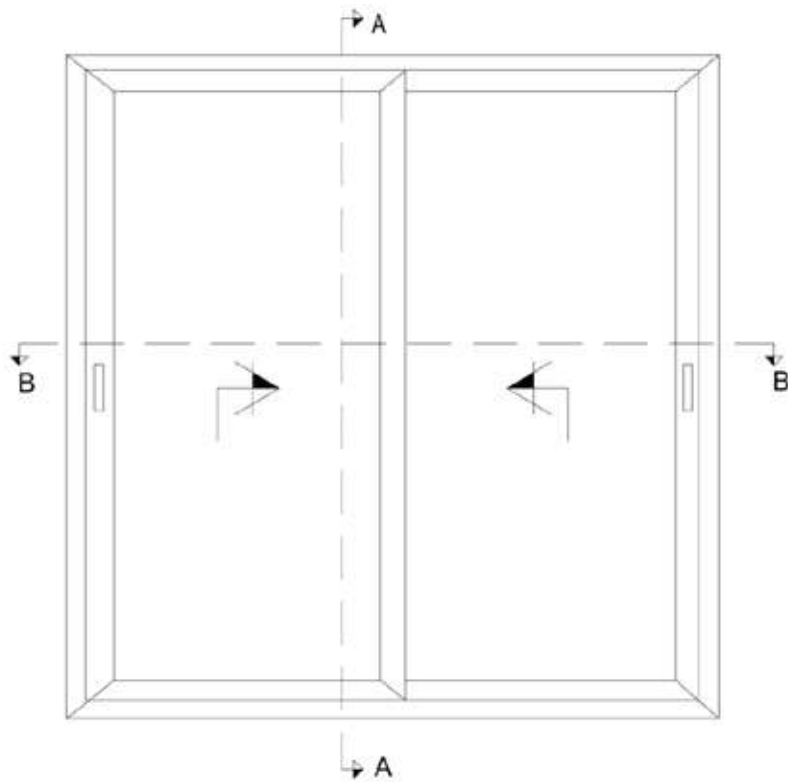
SECTION A-A



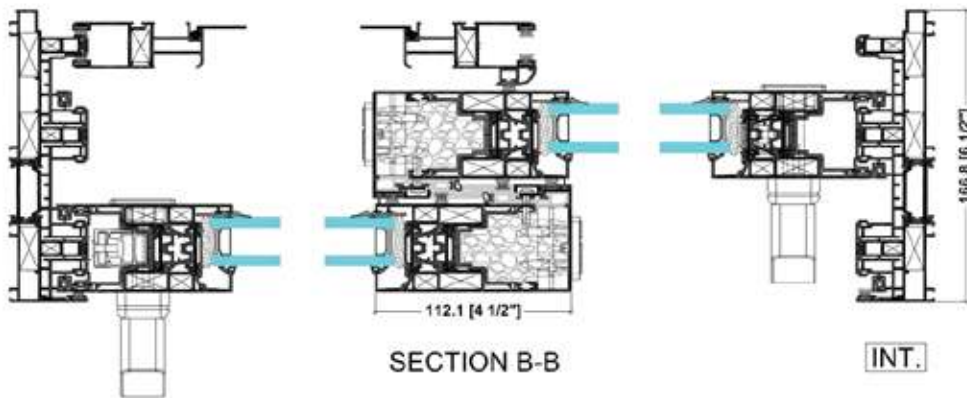
SECTION B-B

SL550 DOUBLE RAIL + 1 OPERATOR + FIX + SCREEN RAIL - DOUBLE GLAZING

TECHNICAL SKETCHES & SECTION VIEWS



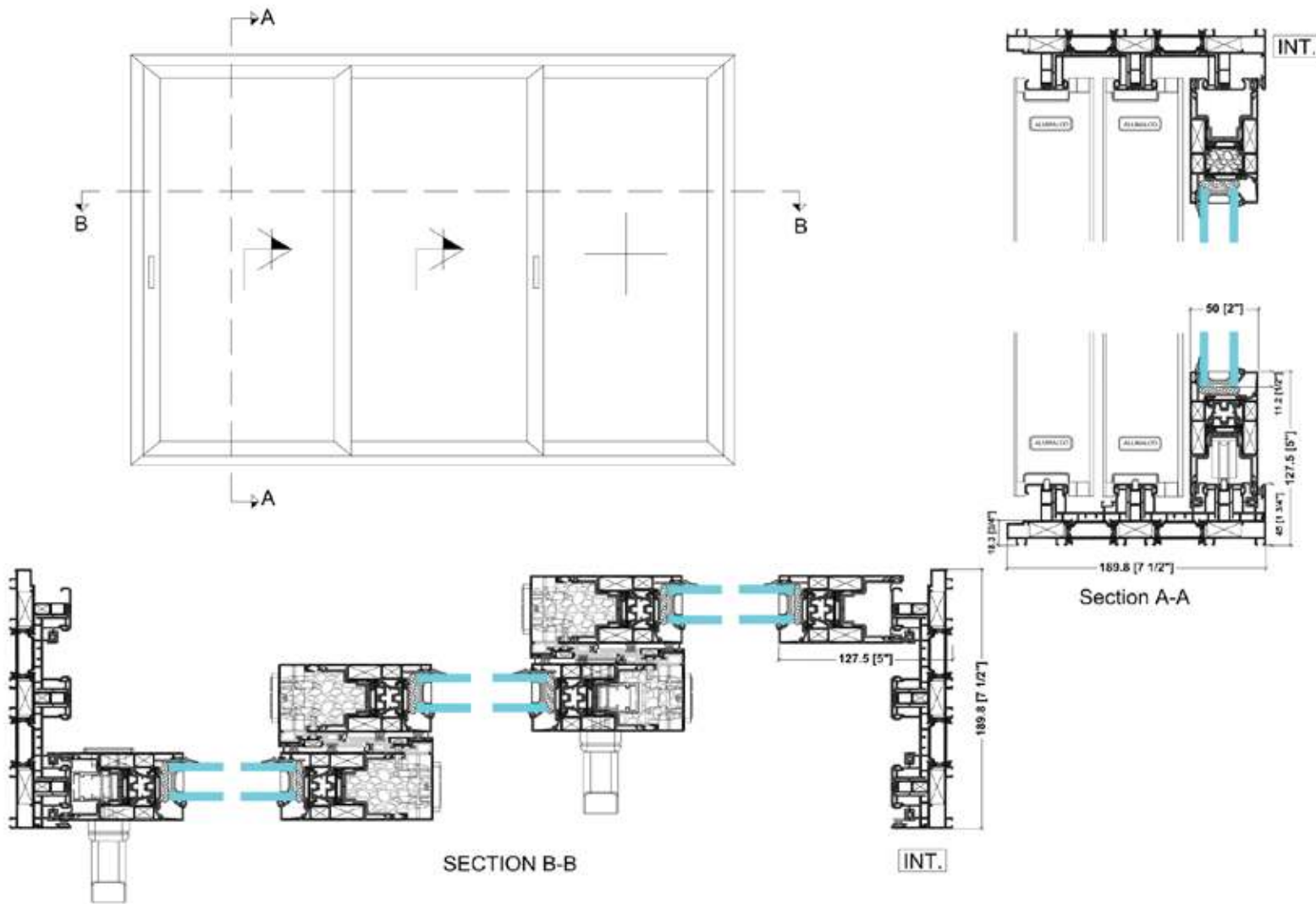
SECTION A-A



SECTION B-B

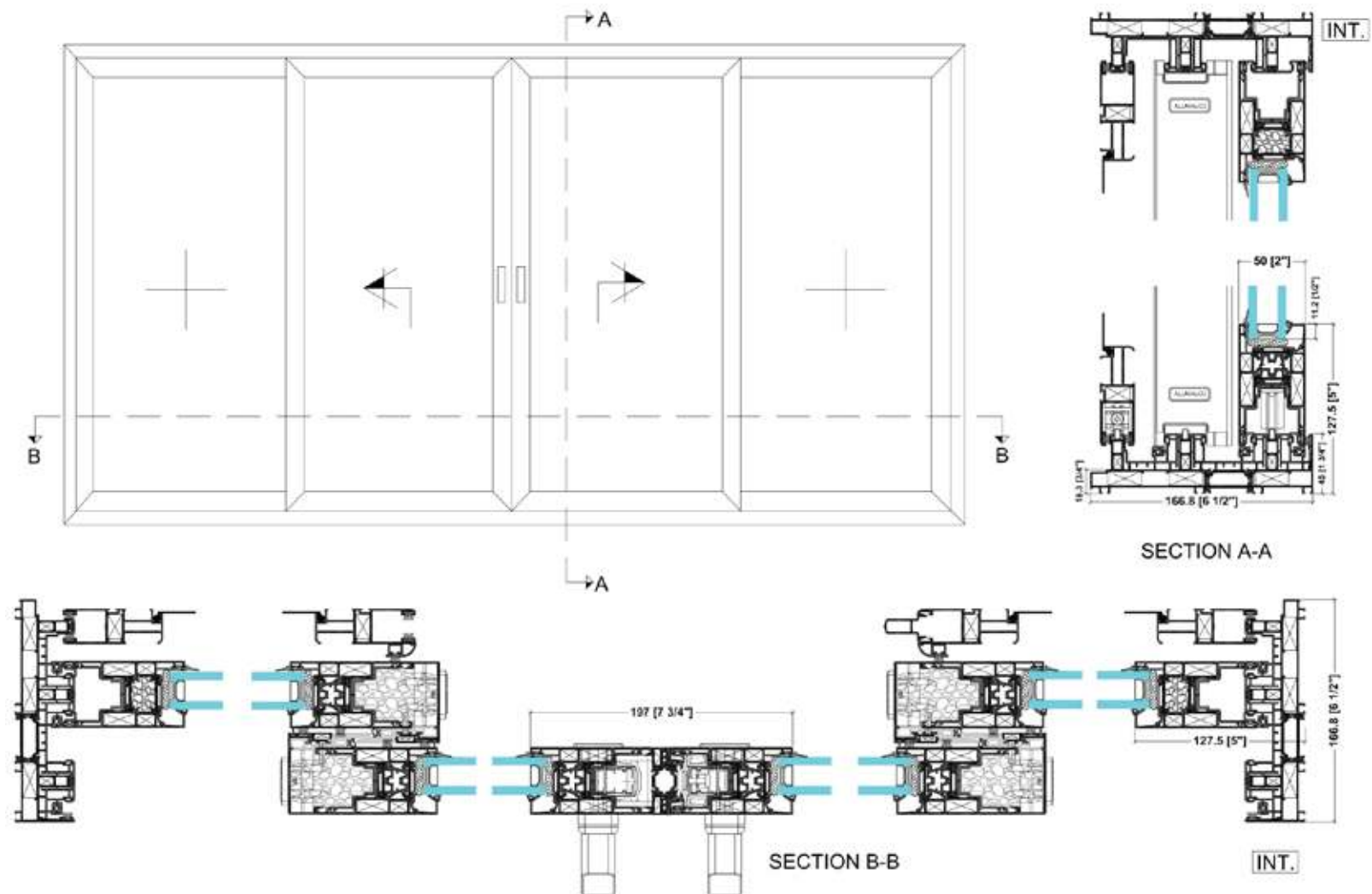
SL550 TRIPLE RAIL + 2 OPERATORS + SCREEN RAIL - DOUBLE GLAZING

TECHNICAL SKETCHES & SECTION VIEWS



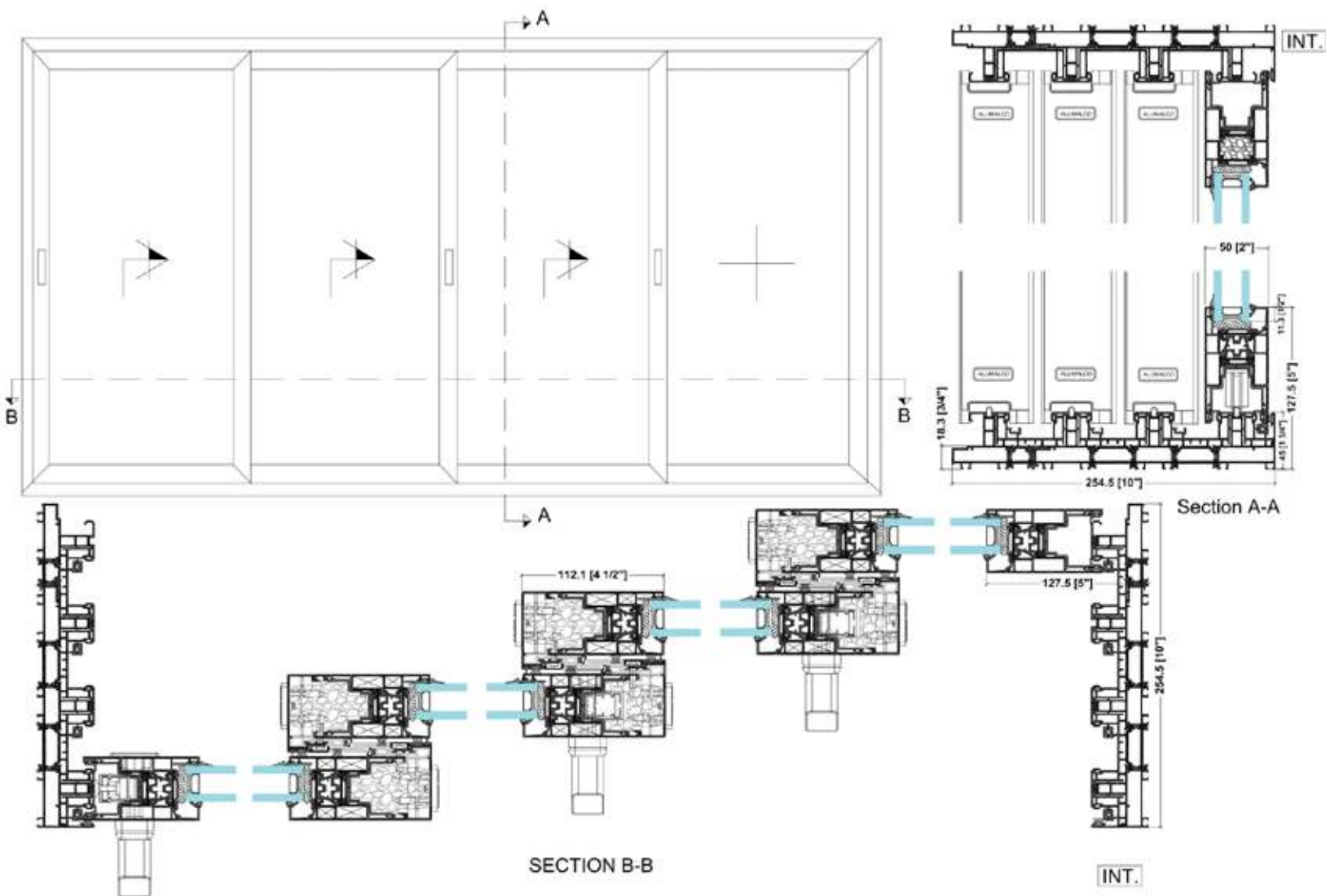
SL550 TRIPLE RAIL + 2 OPERATORS + FIX - DOUBLE GLAZING

TECHNICAL SKETCHES & SECTION VIEWS



SL550 TRIPLE RAIL + 2 OPERATORS + 2 FIX POINTS - DOUBLE GLAZING

TECHNICAL SKETCHES & SECTION VIEWS



SL550 QUADRUPLE RAIL + 3 OPERATORS + FIX - DOUBLE GLAZING



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