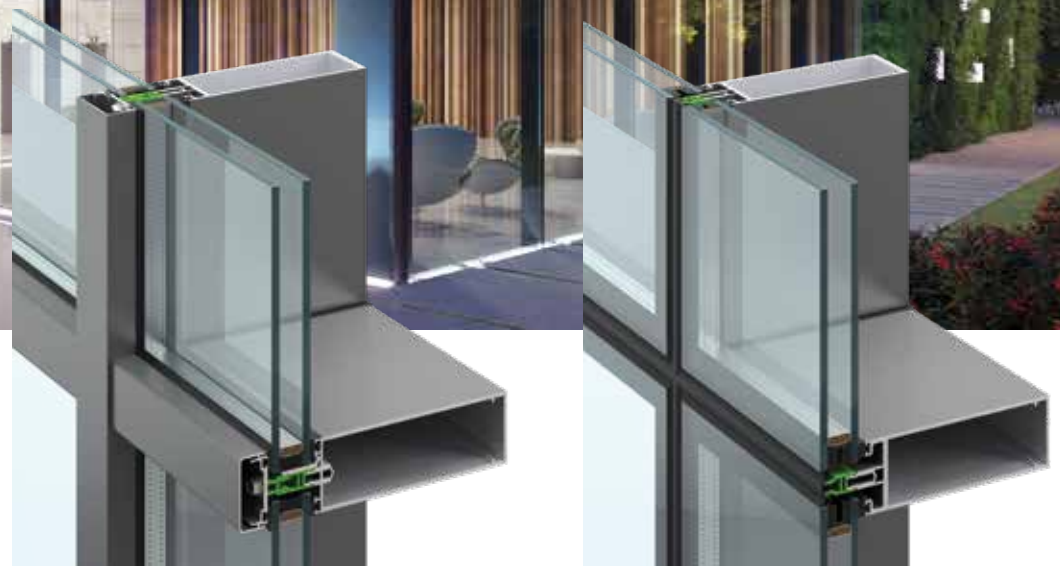




EW50

Curtain Wall System

High energy efficiency to fully meet all stability and safety requirements.



System Identity

Curtain walls are constructions of high architectural interest mainly used in commercial buildings covering small or large surfaces. For this product category, ALUMINCO offers an integrated system where the very good thermal insulation, sound insulation and mechanical properties have secured the implementation of important and complex projects worldwide.

The properties of the system characterize its uniqueness while offering excellent aesthetics and functionality since it is designed based on the highest architectural and engineering requirements. The EW 50 includes a wide range of solutions and works perfectly with all shading systems.

Features & Benefits

The EW50 system is divided into three main types:

Standard

- The timeless classic curtain wall solution of ALUMINCO for robust and modern design with visible grids and multiple solutions to decorative covers.

Structural

- The ultimate solution for facades of buildings cover, which hides the active participation of aluminum from its exterior.

Linear

- The harmonious combination of Standard & Structural types creates a linear effect on aesthetic architectural applications.
- High degree of functionality
- Combination with doors and windows of the D75 / D90, W450 / W4750.

Configurations

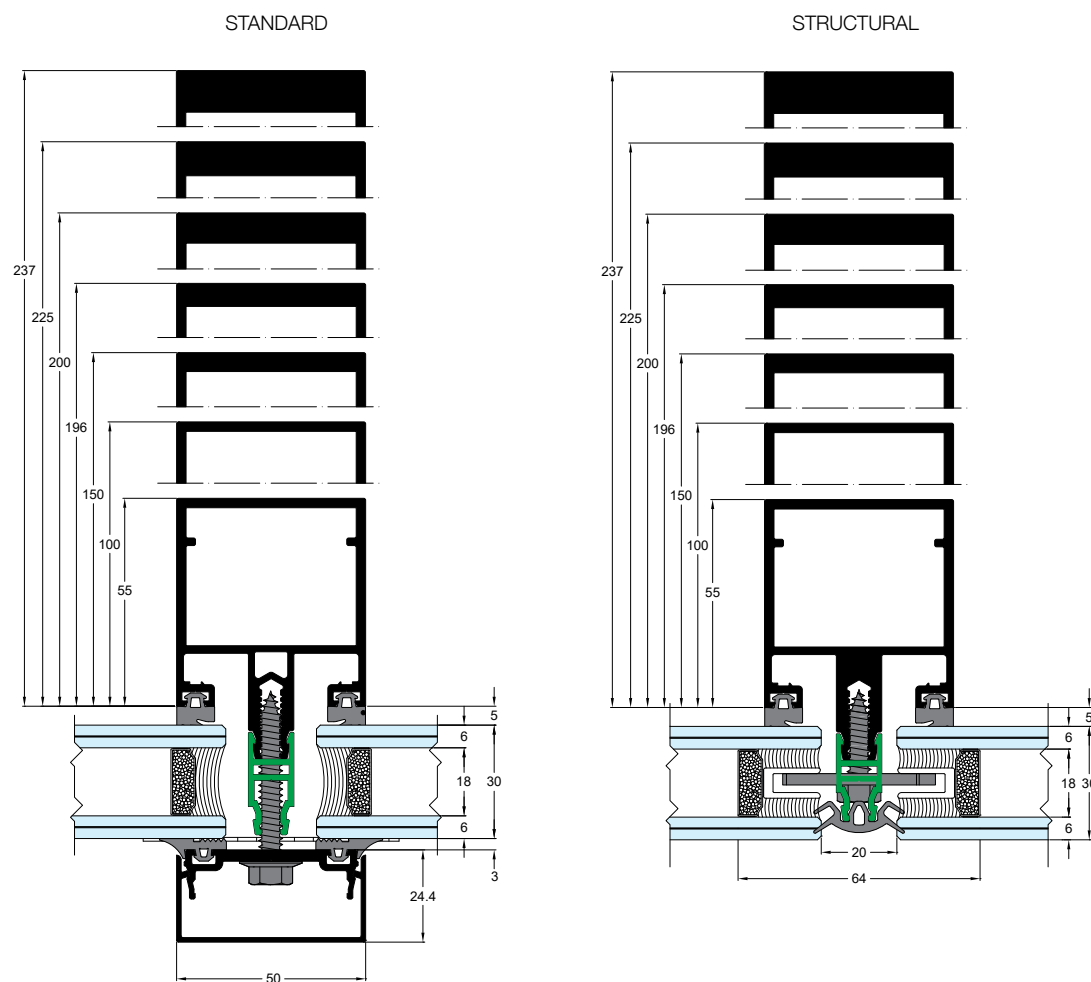
Standard and Structural

Fixed, Fixed with Top-hung windows, Fixed with parallel projected windows, Fixed with inward opening windows,

Fixed with tilt and turn opening windows, Fixed with entrance door, Corner inside/outside

Linear

Fixed, Corner inside/outside



TYPE	STANDARD	STRUCTURAL	LINEAR
DIMENSIONS			
MULLION/TRANSOM WIDTH mm	50	50	50
MULLION/TRANSOM DEPTH mm	16-237	16-237	16-237
GLASS THICKNESS mm	6-52	30 or 32	30 or 32
CERTIFICATES/PERFORMANCES			
AIR PERMEABILITY EN 12207	Class A4		
WATER TIGHTNESS EN 12208	Class RE 1200		
RESISTANCE TO WIND LOAD UNI EN 12179	Design load: ± 2000 Pa (203 Kg/m ²) Increased load: ± 3000 Pa (304 Kg/m ²)		