ESSENCE ALU
VS50 windows and doors

anti-burglary/tampering hardware

Given the absence of thermal break, this is the best solution for cold windows and doors. Indicated for industrial buildings, unheated or cooled environments and indoor and outdoor mixed-use situations.

WINDOWS

> Maximum product recyclability, profiles are made entirely of aluminum.
> Fixed frame depth of 50 mm, sash frame depth of 60 mm.
> Glazing options from 4 mm up to 43 mm glass thickness.
> Option to mount invisible hardware for better aesthetics.

DOORS

> Maximum product recyclability, profiles are made entirely of aluminum.
> Can be used for internal closings, swing doors and automatic doors.
> Frame depth of 50 mm, door sash frame depth of 50 mm.
> Glazing options from 4 mm up to 33 mm glass thickness.

SASH AND GLAZING BEAD OPTIONS

Standard

Moulded

TESTS & REFERENCE STANDARDS

Note: all measurements are made using the SI,
the values shown can be approximated due to the conversion

AIR PERMEABILITY
CLASS LC PG 80

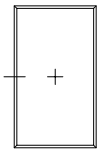
WATERPROOFING
CLASS LC PG 80

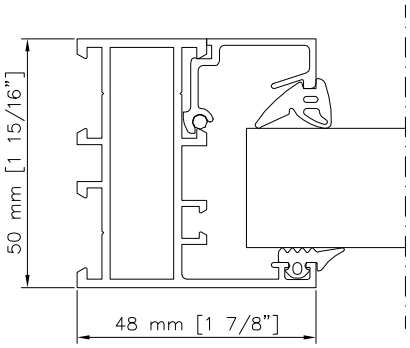
WIND RESISTANCE
CLASS LC PG 35

NOISE PERFORMANCE
46 DB

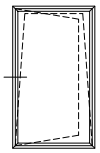
THERMAL TRANSMITTANCE
U=0.408 [BTU/HR FT² °F]

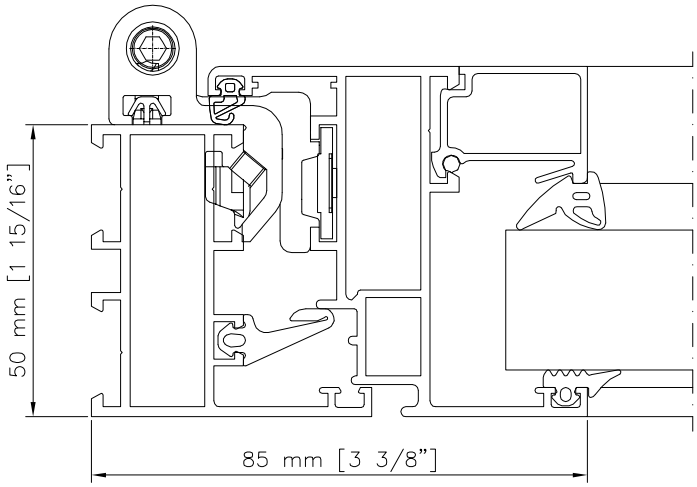
FIXED FRAMES



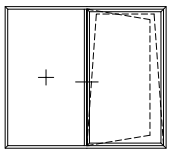


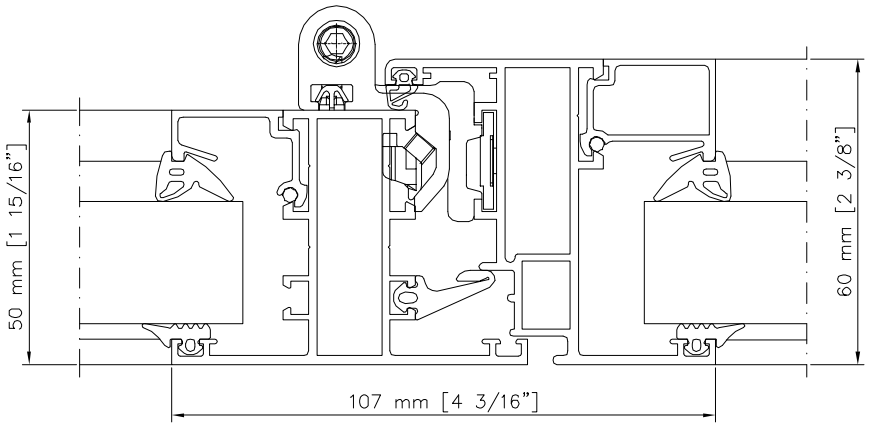
WINDOWS OPEN IN



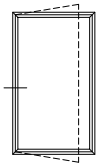


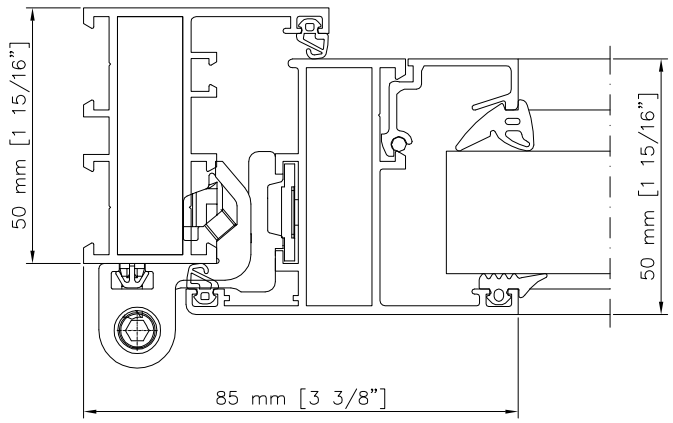
WINDOWS OPEN IN ON FIXED FRAME



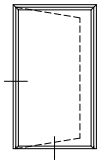


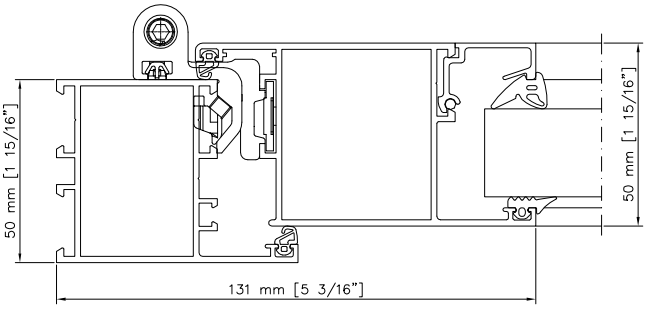
WINDOWS OPEN OUT

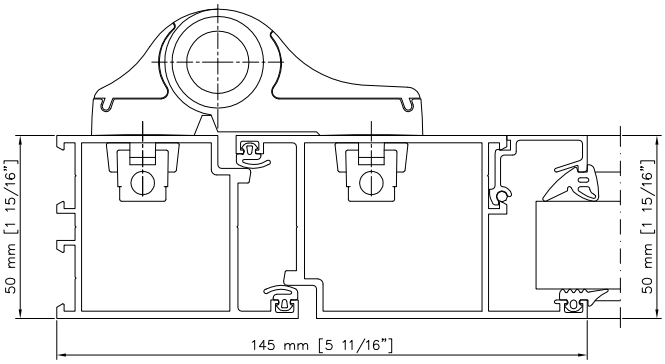


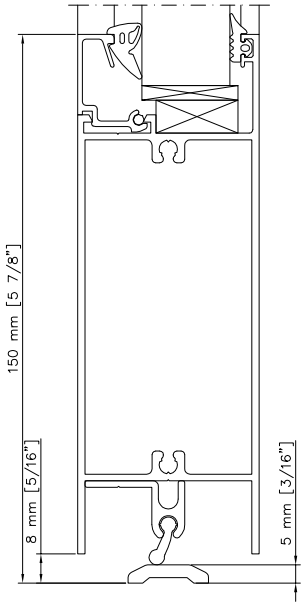
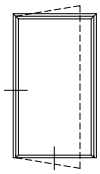
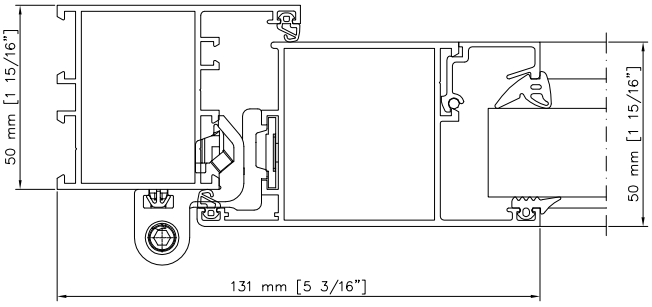
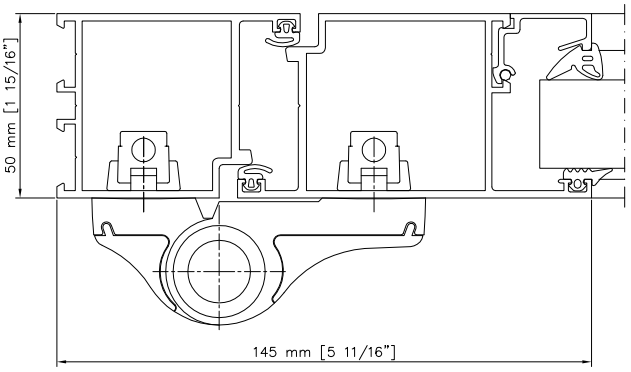
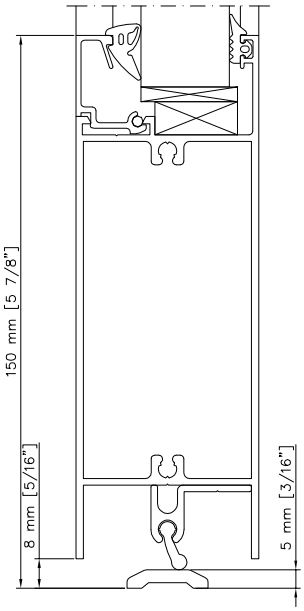


DOORS OPEN IN









DOORS OPEN OUT