ESSENCE ALU

VS160w sliding, lift and slide

THERMALLY INSULATED PROFILES

lowered flushed threshold

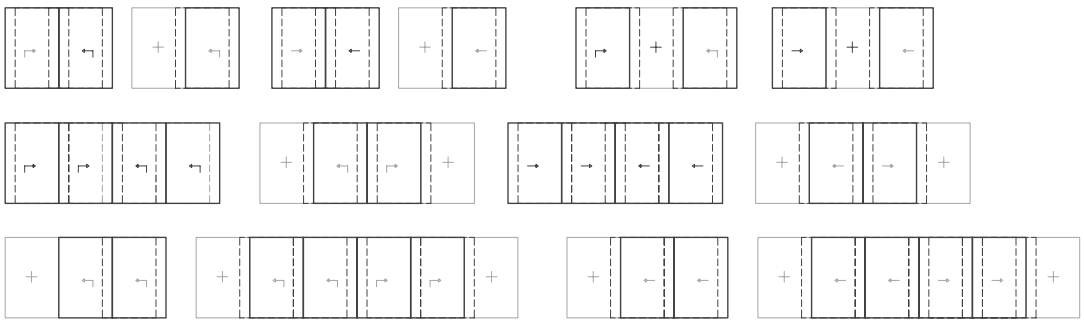
security multiple locking hardware

Aluminum and wood sliding or lift-and-slide series. Maximum response to thermal, acoustic and static stress, combined with style and elegance.

SLIDING

> Certified opening system.
> Thermally insulated profile.
> Burglar-proof hardware for lift-and-slide version.
> Aluminum glazing bead with mechanical fixing for improved security.
> Glazing options from 20 mm up to 40 mm glass thickness.
> Capacity for 150 kg to 200 kg door.
> Standard rails: from 1 to 3.

OPENING TYPE



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

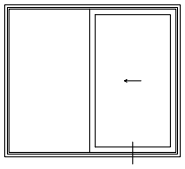
WATERPROOFING
CLASS LC PG 40

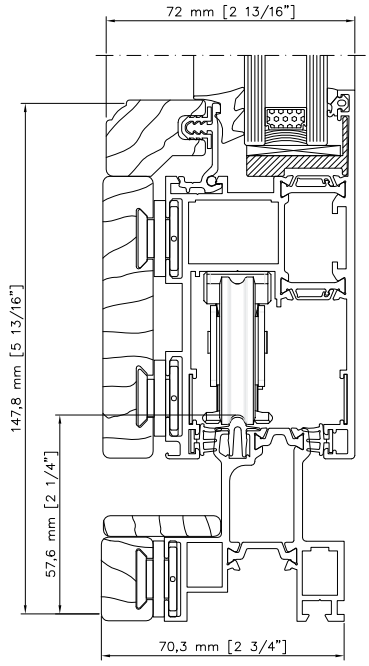
WIND RESISTANCE
CLASS R PG 35

NOISE PERFORMANCE
38 DB

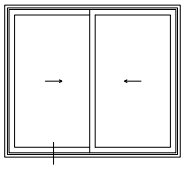
THERMAL TRANSMITTANCE
U=0.391 [BTU/HR FT² °F]

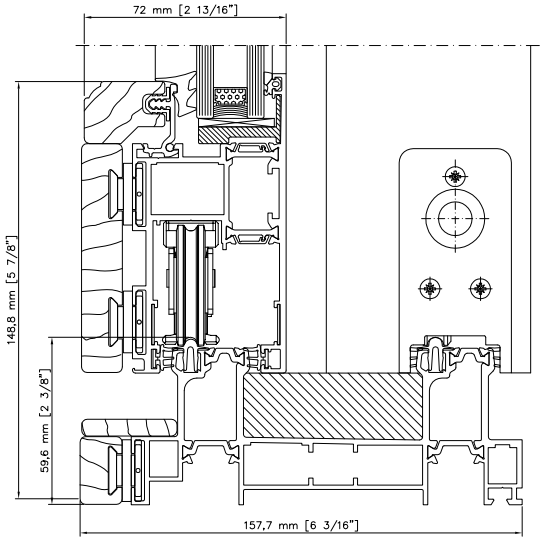
1 RAIL VERTICAL SECTION



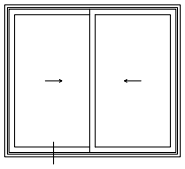


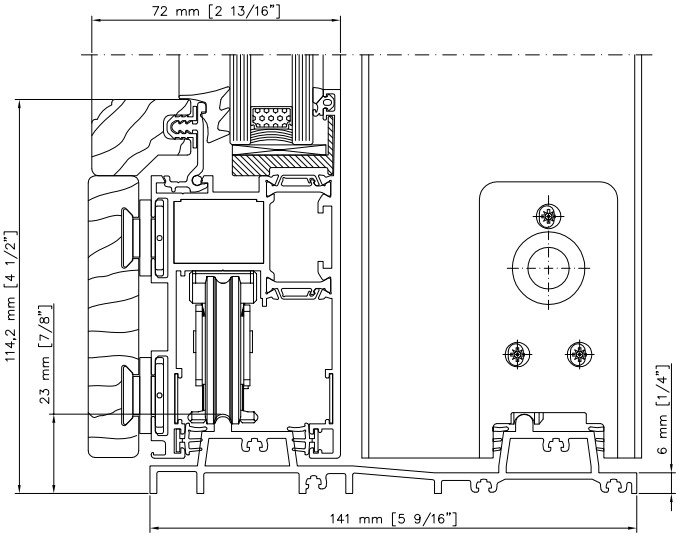
2 RAILS VERTICAL SECTION



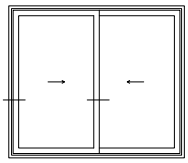


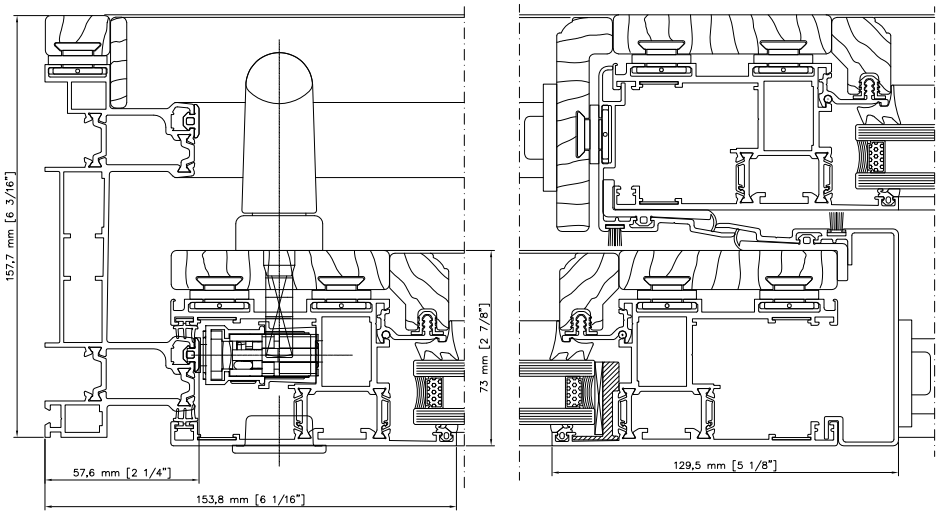
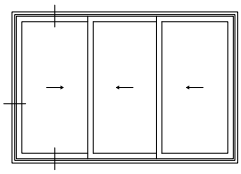
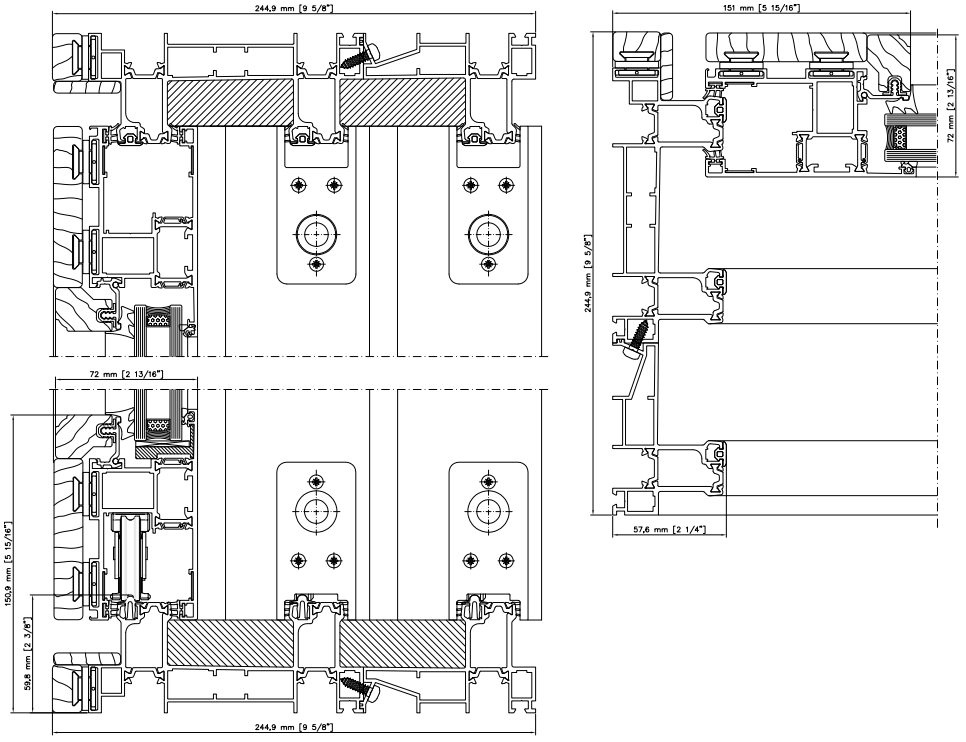
2 RAILS LOWERED THRESHOLD VERTICAL SECTION





2 RAILS HORIZONTAL SECTION





3 RAILS