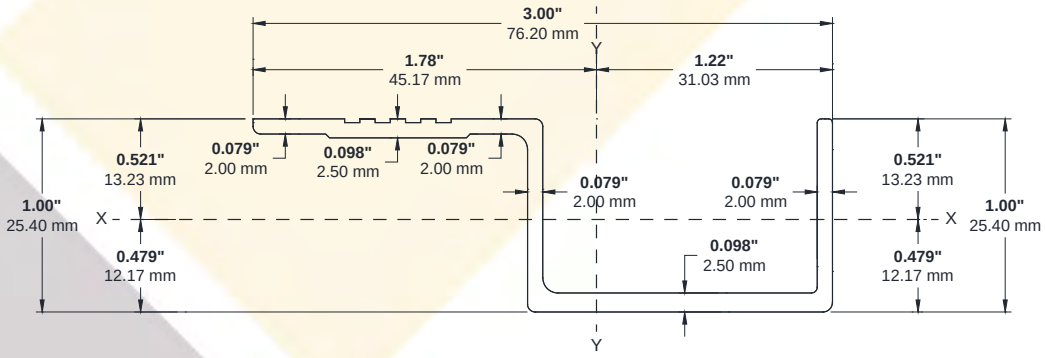
PRODUCT DATA SHEET

XKELEX X-J25

1.- DIMENSIONS OF CROSS SECTION (cm)



Profile Benefits:

- Vertical attachment “J” profile across stud wall or cementitious structural walls, used in mid-panel locations in conjunction with X-H25 hat profiles.
- Typical attachment for stud wall 16" or 32" O.C. Span calculation is a function of cladding material and wind load requirements and should be established by a licensed engineering firm familiar with rainscreen cladding.
- Provides a rigid extruded 6063-T5 aluminum substructure profile for use in drained and back ventilated rainscreen systems, powder coated black.
- Average pull-out values tested with SFS TWS-D-13 Torx head screws at 637 lbs.
- Powder coat finish in compliance with AAMA 2603-17a.

Composition:

Architectural grade 6063 aluminum alloy extruded and hardened to 6063-T5.

Material values:

2.- CHARACTERISTIC VALUES OF MATERIAL

Aluminium Alloy	6063-T5
Tensile ultimate strength	F tu = 150 MPa
Tensile yield strength	F ty = 110 MPa
Compressive yield strength	F cy = 110 MPa
Shear ultimate strength	F su = 90 MPa
Modulus of elasticity	E = 69,600 MPa

3.- CROSS SECTION PROPERTIES

Area	A = 2.701 cm2
Inertia x-x	Ix-x = 2.759 cm4
Inertia y-y	Iy-y = 13.385 cm4
Sx (top)	Sx = 2.086 cm3
Sx (bot)	Sx = 2.266 cm3
Sy (leftt)	Sy = 2.963 cm3
Sy (rigth)	Sy = 4.313 cm3
rx	rx = 1.011 cm
ry	ry = 2.226 cm
Torsional	J = 0.046 cm4