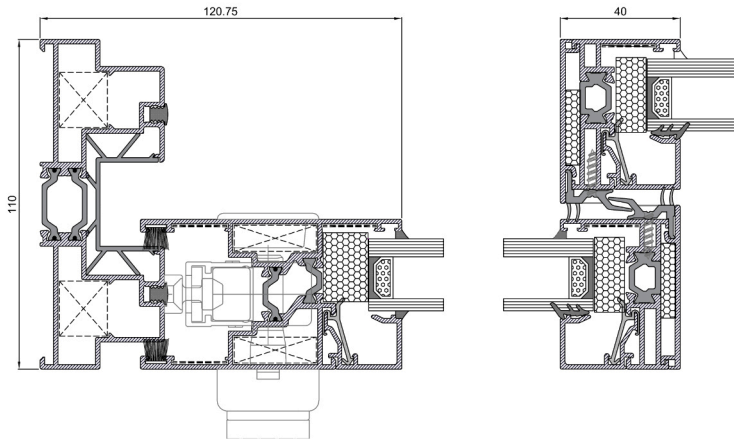# XS-110

The XS-110 system with its double opening possibility, lifting or in-line, provides a solution for small openings as well as large and heavy windows. Its minimalist 40 mm central node and the possibility of recessing the frames in the wall make it the ideal solution for the most avant-garde façades.

Technical data

Geometry and glazing

2-rail frame	110 mm
3-rail frame	170 mm
Sash	50 mm
Thickness	1,5 mm
Polyamide frame	24 mm
Polyamide sash	24 mm
Sash glazing thickness	6 - 34 mm

Maximum dimensions and weights*

Width	3.000 mm
High	2.500 mm
In-line hardware	200 Kg/hoja
Lift-up hardware	250 Kg/hoja

*Consult maximum dimensions and weight according to typology.

Categories achieved at test centre :

Protection against atmospheric agents | Conducted by a notified institution

Reference test: window with 2 sliding sashes 1230x1480 mm, glass 6-18-6

Air permeability
Test according to UNE-EN 1026:2017
Clasification according to UNE-EN 12207:2017

Class 1	Class 2	Class 3	Class 4

Water tightness
Test according to UNE-EN 1027:2017
Clasification according to UNE-EN 12208:2000

1A	2A	3A	4A	5A	6A	7A	8A	9A

Wind resistance
Test according to UNE-EN 12211:2017
Clasification according to UNE-EN 12210:2017

C1	C2	C3	C4	C5

Thermal transmittance | Energy efficiency:

Uf = 3,6 W/m²K

Uw ≥ 1,2 W/m²K *

* Calculated value according to Norma UNE-EN ISO 10077-2:2020 UNE-EN ISO 10077-1:2017 for 2 balcony sash window measuring 3000x2100 mm with triple low emissivity glass. Ug 0,5 W/m²K.
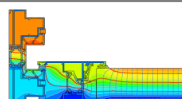
Window acoustic insulation:

Rw (C;Ctr):

(-1;-3)*

* Calculated value for a 2 sash window measuring 1230x1480 mm with glass 44 (-1;-5), consult Extrugasa for other types of glass or dimensions.