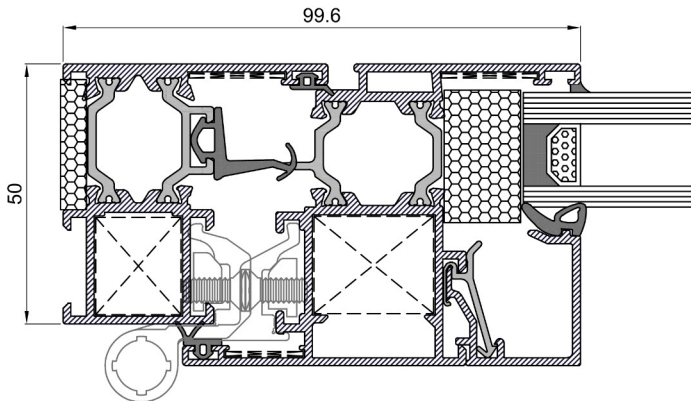


# XP-50



The XP-50 system, with a 50 mm section and 24 mm thermal break, has been designed to achieve the best performance with the minimum section. Its only 50 mm frame makes it an optimal solution for both new construction and renovation of old buildings.



## Technical data

### Geometry and glazing

Frame	50 mm
Sash	58 mm
Thickness	1,5 mm
Polyamide frame	24 mm
Polyamide sash	20 mm
Sash glazing thickness	4 - 42 mm
Frame glazing thickness	4 - 34 mm

### Maximum dimensions and weights\*

Width	1.600 mm
High	2.400 mm
Visible hardware	130 Kg/hoja
Concealed hardware	180 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 tilt-and-turn sashes 1230x1480 mm, 6-18-6 glass

#### Air permeability

Test according to UNE-EN 1026:2017  
Clasificación according to UNE-EN 12207:2017

Class 1	Class 2	Class 3	<b>Class 4</b>
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#### Water tightness

Test according to UNE-EN 1027:2017  
Clasificación according to UNE-EN 12208:2000

1A	2A	3A	4A	5A	6A	7A	8A	9A	<b>E1950 *</b>
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E = special category \*  
1950 = pressure at which the window works

#### Wind resistance

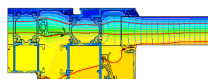
Test according to nom UNE-EN 12211:2017  
Clasificación according to UNE-EN 12210:2017

C1	C2	C3	C4	<b>C5</b>
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### Thermal transmittance | Energy efficiency:

$U_f = 2,4 \text{ W/m}^2\text{K}$

**$U_w \geq 1,2 \text{ W/m}^2\text{K}^*$**



### Window acoustic insulation:

$R_w (C;Ctr):$

**46 (-1;-4)\***

\* Calculated value according to UNE-EN ISO 10077-2:2020 UNE-EN ISO 10077-1:2017 for 2 balcony sash window measuring 1480x2200 mm with triple low emissivity glass.  $U_g 0,5 \text{ W/m}^2\text{K}$ .

\* Calculated value for a 2 sash window measuring 1230x1480 mm with glass 48 (-1;-5), consult Extrugasa for other types of glass or dimensions.

