

# W 4750



The ideal solution for projects that require performance and safety.

CE

EN 14351-1:2006+A2:2016

 window tech



The W4750 is a new advanced aluminium system that combines the proven benefits of hinged windows and doors - elegant design and maximum safety - with the highest thermal insulation requirements.

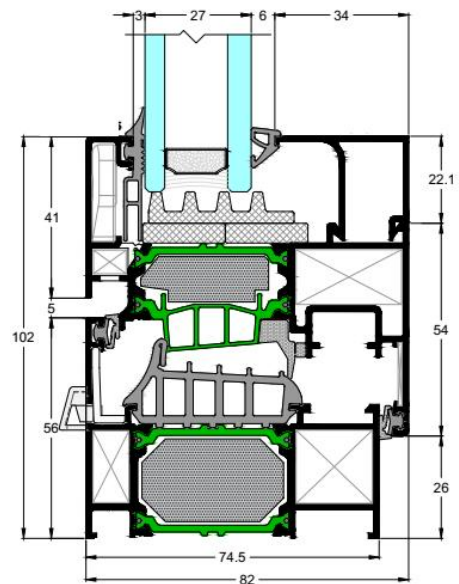
Three incomparable advantages, the use of 39 mm reinforced polyamides, the EPDM central gasket and the advanced perimeter locking mechanism, all in one system offer an outstanding Thermal Insulation Index  $U_f \geq 1,2$   $W/m^2K$ .

It constitutes an ideal solution for high-end residential and commercial projects that require high energy efficient performance with a high degree of design along with top functionality.

The available profiles integrate perfectly with high-quality components and mechanisms that underline the versatile and ergonomic nature of the system.

#### Features & Benefits

- High thermal insulation  $U_w=1.00$   $W/m^2K$
- Exceptional water tightness and sound insulation
- Superior safety due to the multiple perimetric locking.
- Multi-chamber central gasket that ensures optimum impermeability preventing energy loss
- Simplified accessibility for people with special needs and children
- Possibility of using hidden hinges
- Use of double or triple glazing
- Wide range of typologies and solutions
- Greater static resistance and functionality
- Ideal solution for homes and buildings with high energy requirements.
- Window type: Casement
- Thermal insulation: Yes
- External shape: Flat



## Technical Characteristics

## Performance

<b>FRAME DEPTH:</b>	74.5 mm	<b>RESISTANCE TO WIND LOAD (UNI EN 12210)</b>	Clase C3/B3
<b>SASH DEPTH:</b>	82.00 mm	<b>WATER TIGHTNESS (UNI EN 12208)</b>	Classe E1200
<b>FRAME HEIGHT:</b>	56.00 mm	<b>AIR PERMEABILITY (UNI EN 12207)</b>	Classe 4
<b>MIN. WIDTH CENTRAL COLUMN</b>	157.00 mm	<b>THERMAL TRASMITTANCE <math>U_f</math> W/(m<sup>2</sup>K)</b>	1.2-2.3
<b>SASH WEIGHT:</b>	up to 180 Kg	<b>THERMAL TRASMITTANCE <math>U_w</math> (UNI EN ISO 10077-1)</b>	1.0
<b>GLAZING TYPE:</b>	Double/ Triple	<b>BURGLAR RESISTANCE:</b>	RC1/RC2/RC3
<b>GLAZING THICKNESS:</b>	21-66 mm		
<b>THERMAL INSULATION:</b>	Polyamides 39 mm, Insulation foam		

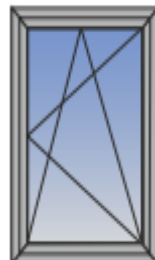
## TYOLOGIES



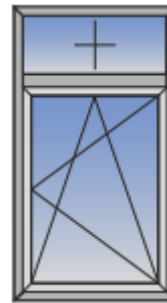
Fixed



One sash tilt and turn



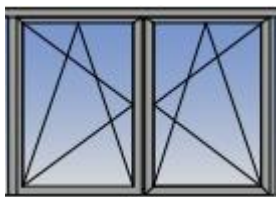
One sash tilt & turn low threshold



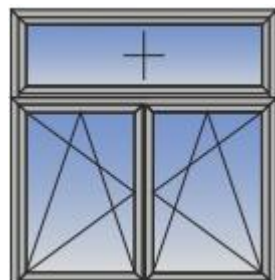
Single tilt & turn with fixed light



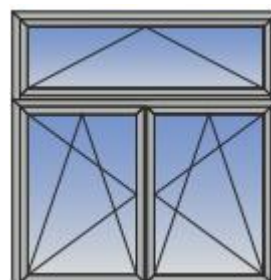
Single tilt & turn with fanlight



Double tilt and turn



Double tilt and turn with fixed light



Double tilt and turn with fanlight



Double tilt and turn