



## BI-FOLD SYSTEM

**Altegra**  
WINDOW &  
DOOR SYSTEMS

INNOVATION

TECHNOLOGY

QUALITY

EFFICIENCY

GUARANTEE

SUSTAINABILITY

AESTHETIC

FUNCTIONALITY

DESIGN

COMFORT

R+D+I



# BI-FOLD SYSTEM



Thermally broken system with 73 mm of frame depth, ideal to divide environments and unify spaces both in residential and commercial buildings. It allows multiple combinations of up to 14 sashes that allow to close spans of more than 16 meters wide. It has slim sightlines and hidden rollers, showing a clean aesthetic in the closed position. In addition, the flush threshold facilitates accessibility and transit between the interior and exterior.

- Maximum energy efficiency values: window transmittance from 1,1 (W/m<sup>2</sup>K)\*.
- Maximum tightness: CLASS 9A, which means during 55 minutes, total affluent of 330 liters and wind velocity of 114 km/h, there's no water intake.

#### CATEGORIES ACHIEVED AT TEST CENTRE\*

Air permeability	CLASS 4
Water tightness	CLASS 9A
Wind resistance	CLASS A3
Security test:	<b>PAS24</b> <input checked="" type="checkbox"/>
passed	

#### OPENING POSSIBILITIES

From 1 to 14 sashes  
Possibility of corner sash at 90°  
without mullion

\*CONSULT TYPOLOGY, DIMENSION AND GLASS.

FOR MORE INFORMATION VISIT  
[www.altegrawindowanddoorsystems.co.uk](http://www.altegrawindowanddoorsystems.co.uk)



## RESISTANCE TO ATMOSPHERIC AGENTS (COMFORT)

All of our enclosing systems are tested in the Test Laboratory at the Technological Center to guarantee the best performance in watertightness, air permeability and wind loads, endorsed by the maximum results in its test qualifications.

## THERMAL INSULATION (ENERGY EFFICIENCY)

Now a days energy efficiency in buildings is a demand made, both by the architects, as by the final customer aware of the importance of saving on heating costs and air conditioner. Altegra meets such challenge with systems for every climatic area with a high insulation coefficient to ensure the comfort in the residence.

## ACOUSTIC INSULATION (SILENCE)

In order to transform the residence into a private space, intimate and free of pollution outdoor acoustics, Altegra has designed its enclosing systems with all the latest technological developments necessary to ensure indoors peace and relax.

## UNLIMITED COLOUR RANGE (COLOURS)

The whole RAL colour chart in powder coating, exclusive powder coating, metallic, textured, wood effect, more than 100 finishes in anodized. Aluminum on the outside and wood in the inside, two-coloured finishes... An unlimited offer to create a colour harmony at home. Quality labels in every process: QUALICOAT, SEA-SIDE, QUALIDECO and QUALANOD.

## AVANT-GARDE AESTHETICS (DESIGN)

We create tailor-made windows and façades for every project. Creativity to answer aesthetically and functionally to each demand. Aesthetic answers to the technical needs. Creativity at the service of habitable environments.

## ENCLOSURES FOR LIFE (DURABILITY)

Aluminum is the most durable, long-standing and resistant material of those used in enclosures. Aluminum has the strength and a durability of the things that last a whole lifetime.

## SUSTAINABLE SPIRIT (SUSTAINABILITY)

Respect for the environment is Altegra's commitment. Using innocuous raw materials and products in all our manufacturing process and the limitless possibility of aluminum recycling, allows us to remove any creation of waste and environmental risks.