



BISON
DESIGNER ALUMINIUM

BI-FOLD PLUS SYSTEM

BISON has designed more than 80 exclusive systems of windows, façades, composite panel, solar protection systems and balustrade. This commitment to innovation allows us to offer high value added products, maximizing energy efficiency, thermal and acoustic insulation and resistance to atmospheric agents.

INNOVATION

TECHNOLOGY

QUALITY

EFFICIENCY

GUARANTEE

SUSTAINABILITY

AESTHETIC

FUNCTIONALITY

DESIGN

COMFORT

R+D+I

BI-FOLD PLUS SYSTEM



Separate environments and unify spaces with this bi-fold door system with an 80 mm deep frame. This evolution of the Bi-fold series offers an excellent thermal and acoustic performance, thanks to its 45 mm thermal break and a glazing capacity up to 52 mm. Besides, it presents a slim central section of 110 mm which allows the maximisation of the glazed surface, filling the interior spaces with natural light.

- Maximum energy efficiency values: window transmittance from 0,8 (W/m²K)*.
- Maximum tightness: CLASS E750, which means during 60 minutes, total affluent of 1.200 liters and wind velocity of 127 km/h, there's no water intake.
- Possibility of incorporating security hardware.

CATEGORIES ACHIEVED AT TEST CENTRE*

Air permeability	CLASS 4
Water tightness	CLASS E750
Wind resistance	CLASS C3
Repeated openings and closings	50,000 cycles (Main swing door) 25,000 cycles (Even sashes)
Security test: passed	PAS24 <input checked="" type="checkbox"/>

OPENING POSSIBILITIES

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



RESISTANCE TO ATMOSPHERIC AGENTS

All of CORTIZO's 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

Nowadays 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. Bison (UK) meets such challenge with systems for every climatic area with a high insulation coefficient to ensure the comfort in the residence.

ACOUSTIC INSULATION

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

UNLIMITED COLOUR RANGE

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

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

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

Respect for the environment is a Bison (UK) 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.