

BENDINI

Aluminum Systems



www.bendini.co

BENDINI Aluminum General Catalog

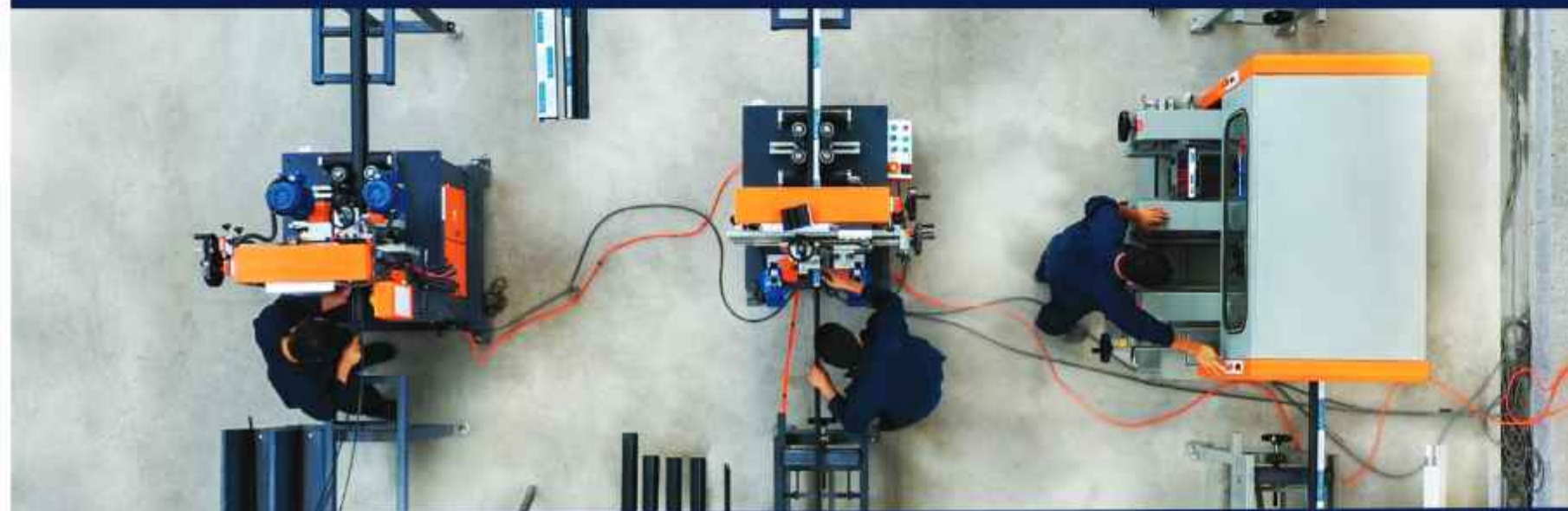
BENDINI

Aluminum General Catalog

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HIGHEST QUALITY, BEST MATERIALS
BENDINI ALUMINUM
Aluminum General Catalog





Bendini Aluminum Systems

Bandini Company started its activity in Iran with the presence of human resources specialized in research and development and also with advanced machinery. Bandini Company has been able to take a big step towards the advancement of aluminum windows and facades by focusing on the following goals, some of which are:

- 1- High efficiency in the field of energy optimization through thermal and acoustic insulation systems
- 2- High level of security against theft, fire, smoke and earthquakes
- 3- Protection against wind and adverse weather conditions
- 4- Aesthetic study in accordance with modern architectural science
- 5- Creating suitable conditions for ease of work for builders
- 6- Engineered design to achieve the highest resistance combined with the lightest weight

Bandini Company is one of the leading companies in the world in the field of producing various types of aluminum window and door sections and facades, as well as producing various types of industrial sections.



WINDOW AND DOOR SYSTEM

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BC - 50



Handrail



HT - 60



HT - 70



LST - 130



SN - 60





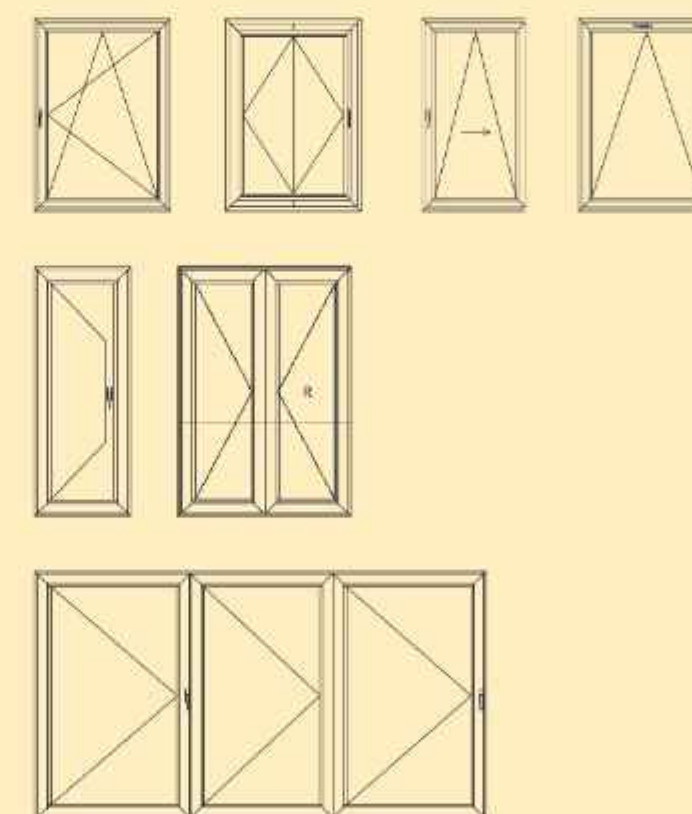
HT-70 (Hinged system)



HT-70 Thermal Break Hinged System

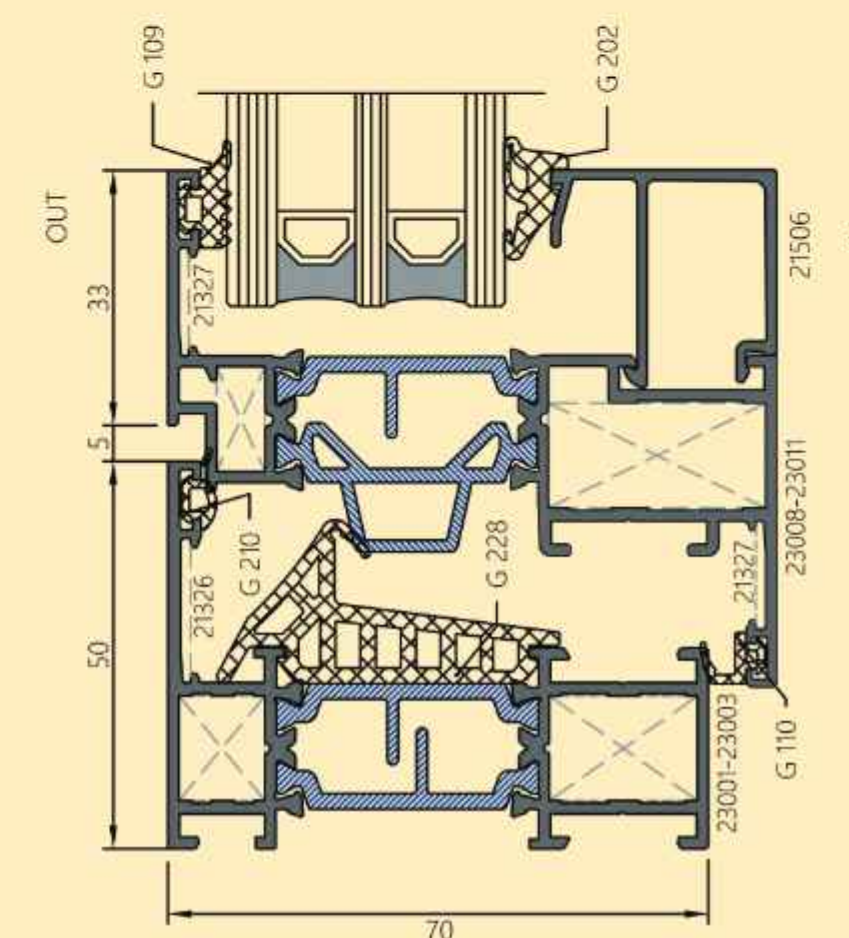
With a 70 mm width and a polyamide thermal barrier, the HT70 thermal break hinged system offers a professional solution for enhanced thermal insulation, visual elegance, and long-lasting durability. It is the ideal choice for high-end projects that demand superior energy efficiency and premium quality standards.

HT-70 (Hinged system)

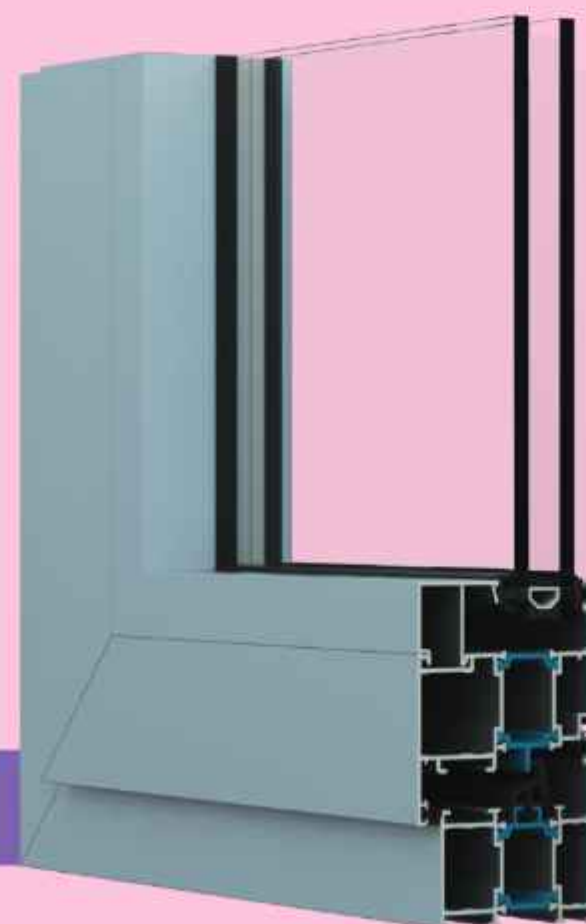


Technical characteristics

Frame width:	70 mm
Sash width:	79 mm
Thermal insulation:	34 mm
Sash Glass thickness:	24 - 48 mm
Frame Glass thickness:	24 - 44 mm



B



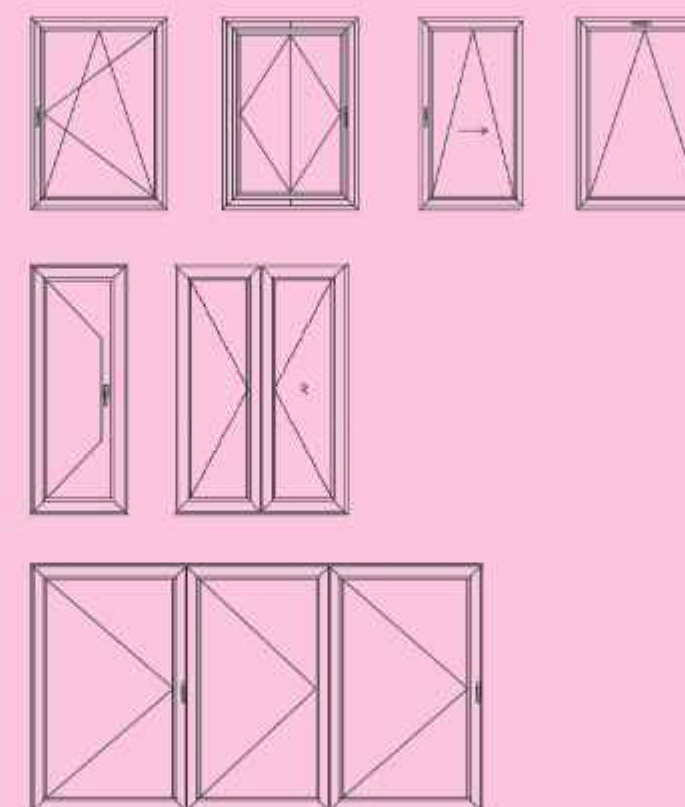
HT-60 (Flat)

HT60 Thermal Break Hinged System

HT60 is a thermal break hinged system featuring a polyamide thermal barrier and versatile design options—available in both flat and curved profiles. It strikes an exceptional balance between aesthetics, durability, and thermal performance. With excellent water and air sealing, HT60 is an ideal choice for projects that prioritize both modern design and energy efficiency.

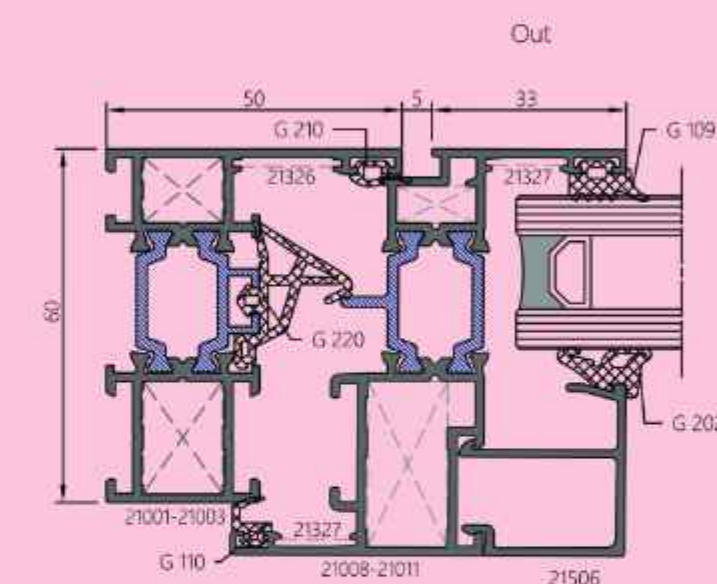


HT-60 (Curved)



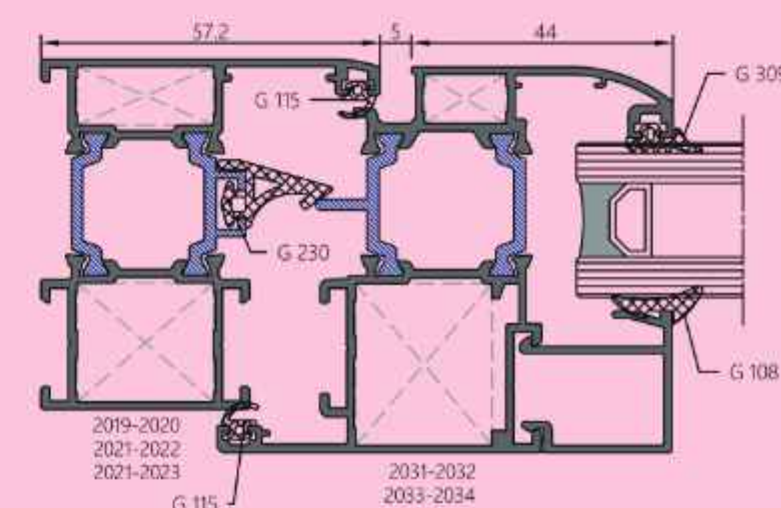
Technical characteristics

Frame width:	60 mm
Sash width:	69 mm
Thermal insulation:	24 mm
Sash Glass thickness:	20 - 48 mm
Frame Glass thickness:	20 - 40 mm



▲ HT-60 Flat

▼ HT-60 Curved



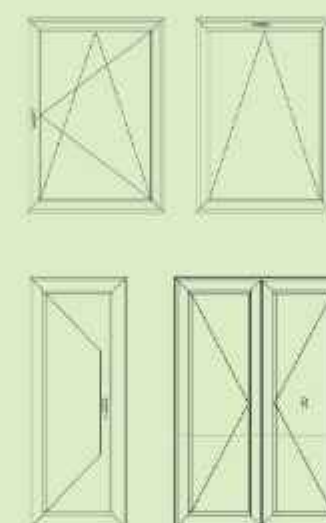


HHT60 - Hidden Vent Systems

Hidden Vent systems, with their concealed opening mechanism, provide buildings with a seamless, modern, and minimalist appearance. The HHT60 and HHT70 models preserve the clean exterior look while delivering excellent water and air sealing performance. They are the perfect solution for projects where both aesthetic design and functional efficiency are equally essential.

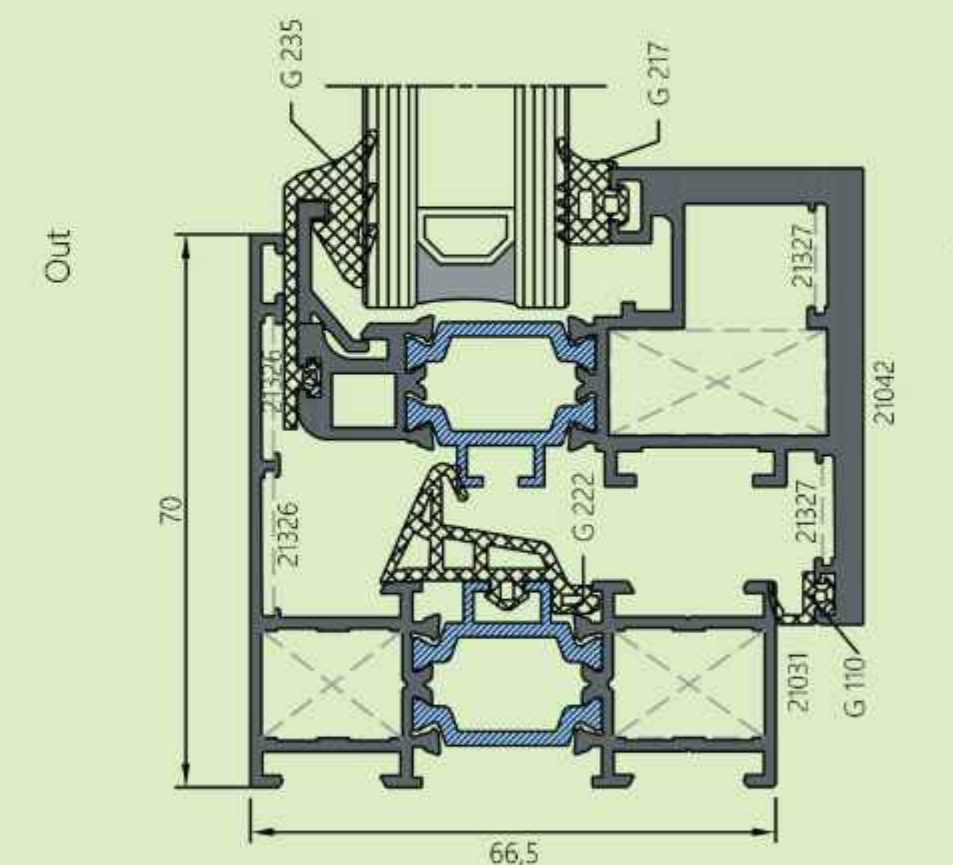


HHT-60 (Hidden vent)



HHT-60 Technical characteristics

Frame width:	67 mm
Sash width:	72 mm
Sash Glass thickness:	24 mm
Frame Glass thickness:	20-40 mm



HHT-60 (Hidden vent) ▲





HT-60 (Out Ward)



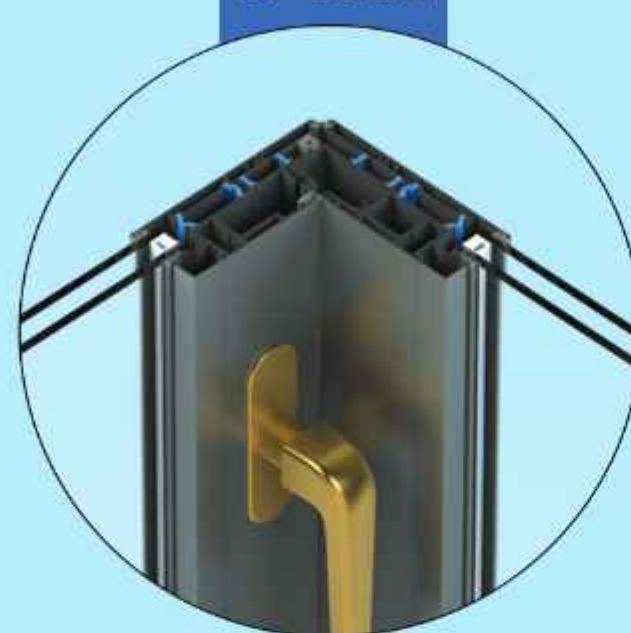
LST-135

LST135 Lift & Slide System

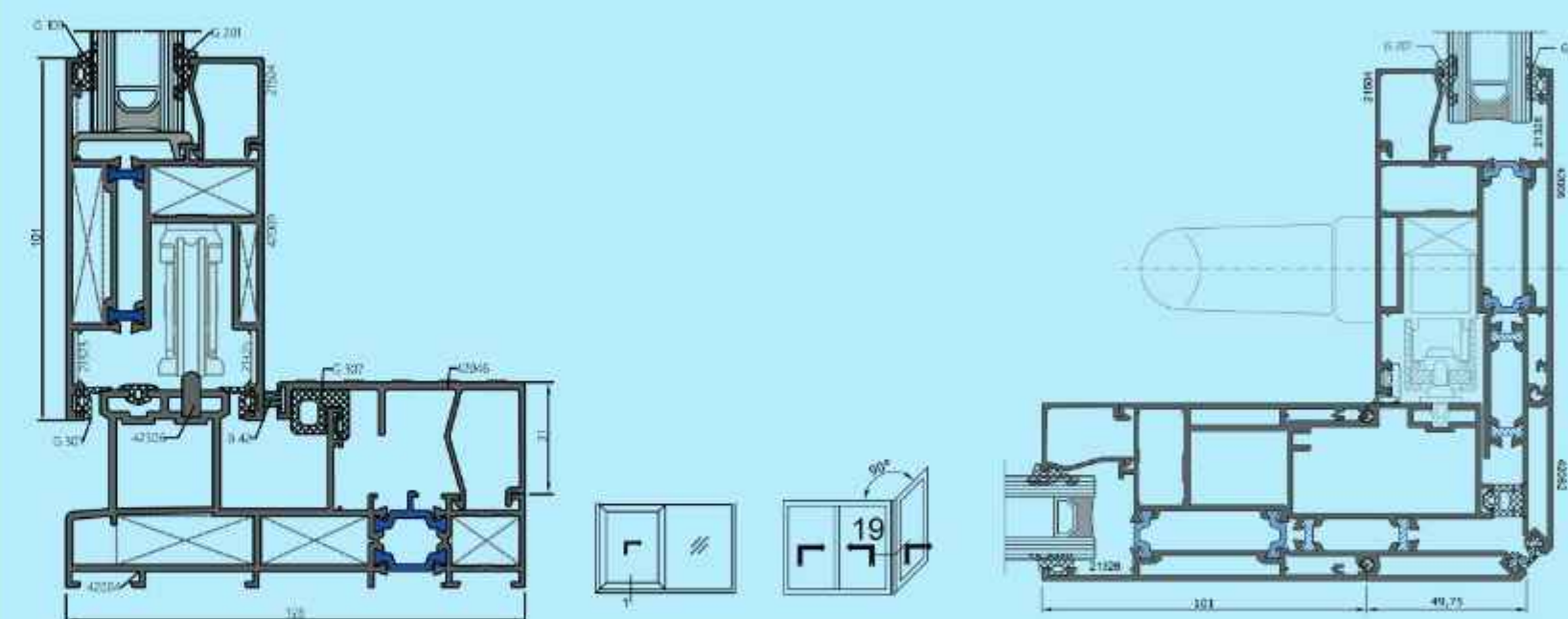
LST135 is a professional solution for creating large sliding windows. Utilizing a Lift & Slide mechanism, this system maximizes natural light, optimizes space usage, and delivers outstanding insulation. It is an ideal choice for panoramic facades, open spaces, and high-end architectural projects.



90° Corner

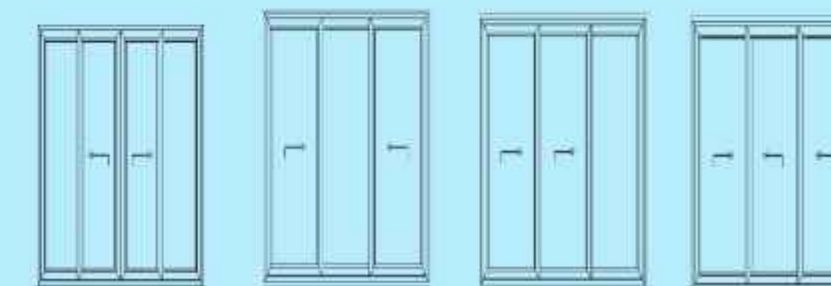


LST-135 (two rail)



Technical characteristics

Fram depth:	128-135 mm
Sash depth:	55 mm
Sash mechanism weight limit:	600 kg
Type of thermal insulation:	20 mm





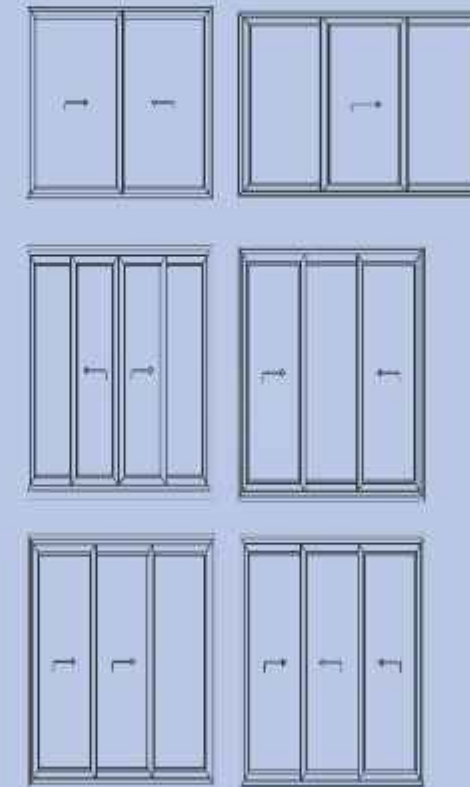
200 Kg Lift & Slide
Without Glazing Bead (Two rails)



Wisdom Sliding System – Double Rail & Mono Rail

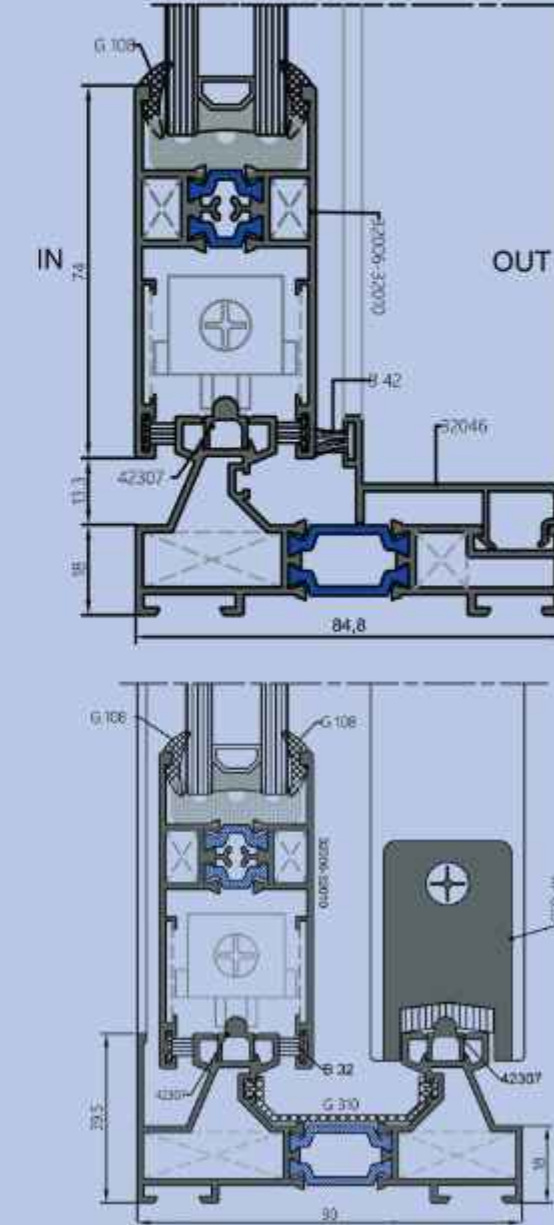
BENDINI's aluminium balustrade system combines lightweight design with exceptional strength, delivering both safety and aesthetics for balconies, terraces, and exterior facades. Compatible with a wide range of architectural styles, it offers a modern and reliable solution for both interior and exterior applications.

200 Kg Lift & Slide
Without Glazing Bead (Monorail)



Technical characteristics

Fram depth:	90-84.8 mm
Sash depth:	36 mm
Sash mechanism weight limit:	200 kg
Type of thermal insulation:	24-14.8 mm



B

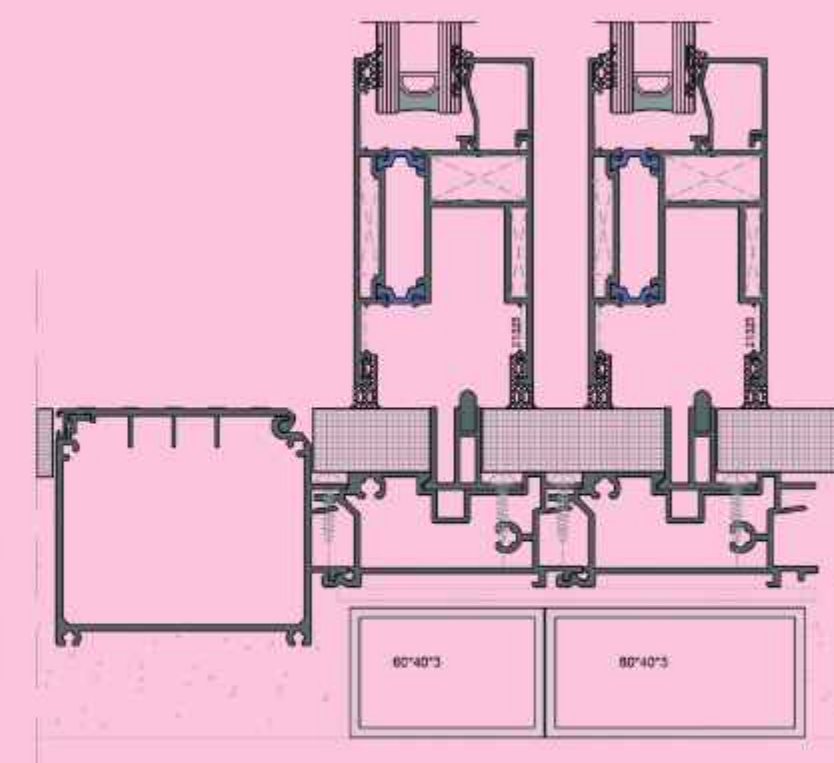
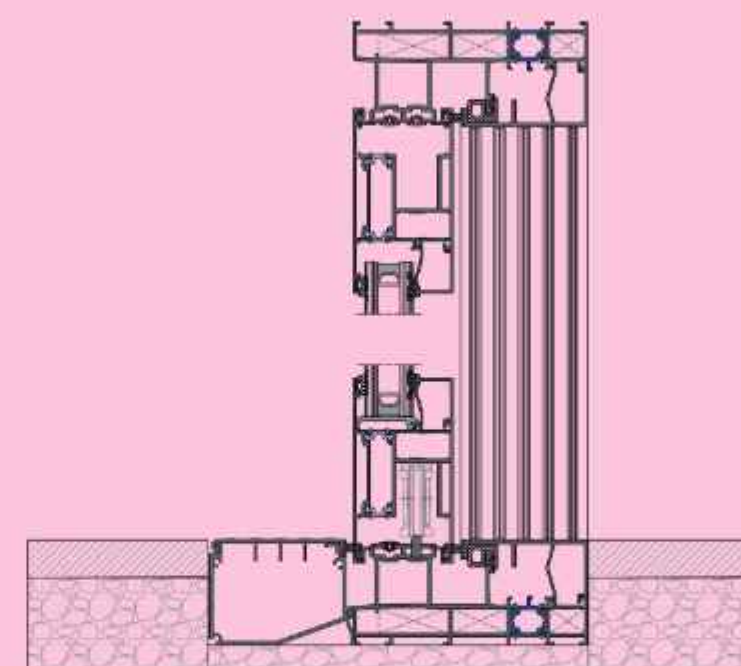
Zero Threshold (Hidden)



Zero Threshold (Hidden) & Mono Rail Zero Threshold

This innovative system, featuring a concealed mechanism and unobstructed design, offers a unique experience in connecting indoor and outdoor spaces. It is a premium choice for projects where aesthetics, panoramic views, and maximum natural light are essential.

Mono Rail Zero Threshold



Technical characteristics

Fram depth:	128-135 mm
Sash depth:	55 mm
Sash mechanism weight limit:	600 kg





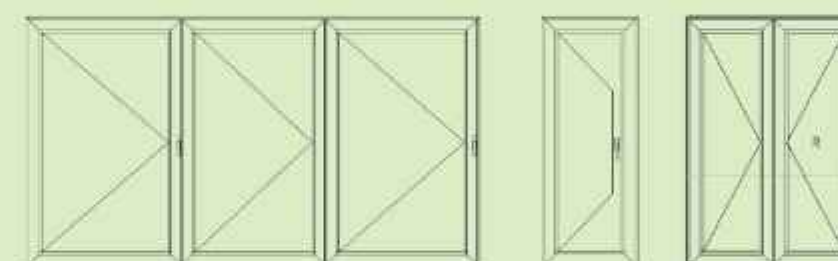
HN-75



HN59 / HN75 – Cost-Effective Hinged Systems

The HN series of normal hinged systems, available in a variety of widths from 45 to 75 mm, offers a smart solution tailored for large-scale construction projects. Designed to be lightweight, cost-effective, and easy to manufacture and install, these systems are an ideal choice for high-volume projects. Despite their simplicity, they deliver reliable performance in terms of strength and durability, effectively addressing a wide range of common building requirements.

HN-59



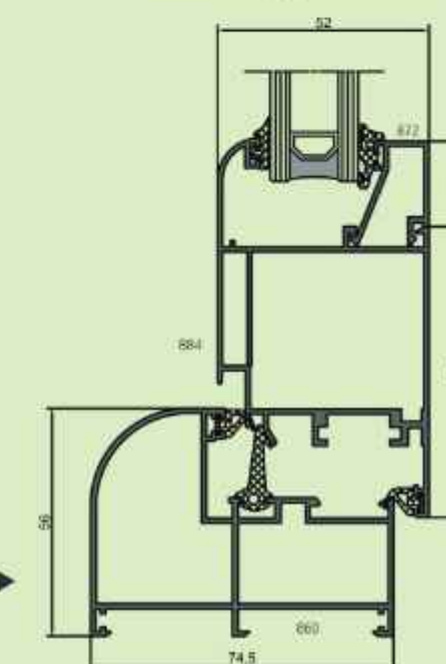
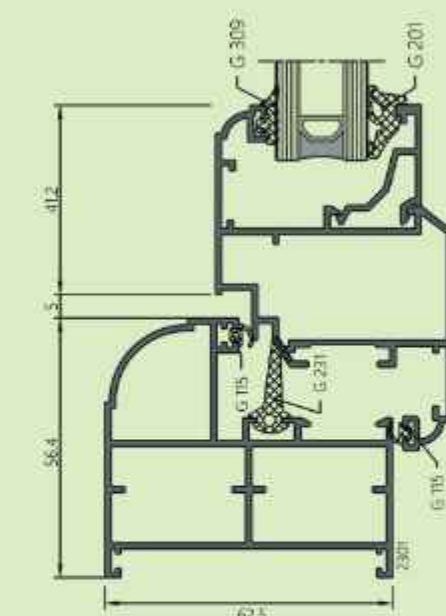
HN-59 ▶

HN-59 Technical characteristics

Frame width:	59-62.5 mm
Sash width:	51.5 mm
Sash Glass thickness:	6-24 mm
Frame Glass thickness:	6-24 mm

HN-75 Technical characteristics

Frame width:	75 mm
Sash width:	52 mm
Sash Glass thickness:	6-24 mm
Frame Glass thickness:	6-24 mm



HN-75 ▶





A detailed technical cross-section diagram of a window frame assembly. The diagram illustrates the internal components, including the frame, sash, and glazing. It shows the complex interlocking of various parts, such as the frame profile, sash profile, and the glazing unit, which is held in place by a gasket. The diagram also highlights the internal structure of the frame, including the reinforcement and the connection points for the sash. The overall design is shown in a cutaway view, revealing the internal details of the window assembly.

These two standard sliding systems, with widths of 60 and 75 mm, combine cost-efficiency with high structural strength and solid technical performance. SN60 and SN75 are reliable choices for projects that require affordable sliding windows without compromising on essential quality and durability.



20



Fram Depth :	60 mm
Sash Depth :	32 mm
Sash mechanism weight limit:	150 kg

Fram Depth :	75 mm
Sash Depth :	28 mm
Sash mechanism weight limit:	150 kg



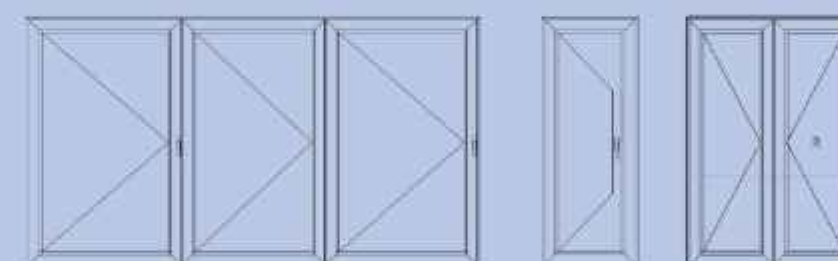
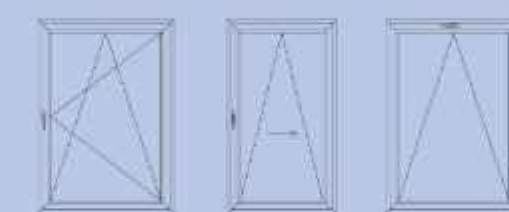


HN 60 Partition System

The HN60 partition system offers a fast, lightweight, and durable solution for dividing interior office and commercial spaces. With a simple yet engineered design, it enables quick installation, easy repositioning, and seamless integration with other interior architectural elements—delivering both aesthetics and functionality in one cohesive system.

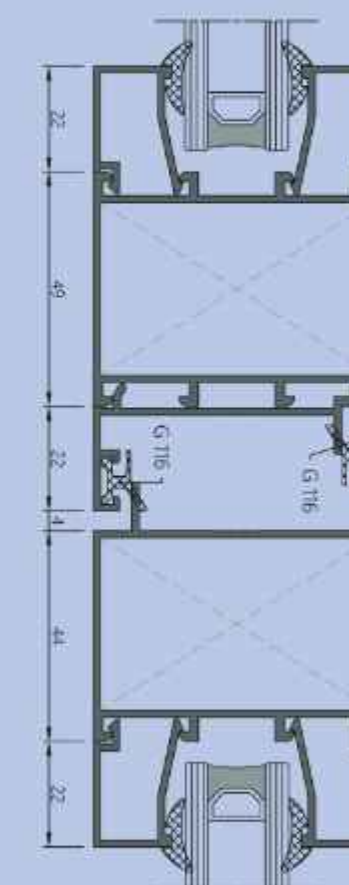


HN-60



HN-60 Technical characteristics

Frame width:	60 mm
Sash width:	60 mm
Sash Glass thickness:	6-30 mm
Frame Glass thickness:	6-30 mm



HN-60 ▲





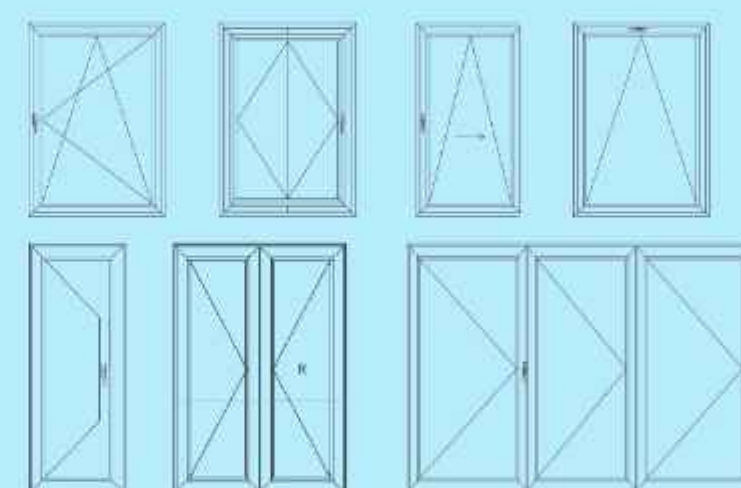
HN 55



HN45 / HN55 Cost - Effective Hinged Systems

The HN series of normal hinged systems, available in a variety of widths from 45 to 75 mm, offers a smart solution tailored for large-scale construction projects. Designed to be lightweight, cost-effective, and easy to manufacture and install, these systems are an ideal choice for high-volume projects. Despite their simplicity, they deliver reliable performance in terms of strength and durability, effectively addressing a wide range of common building requirements.

HN 45

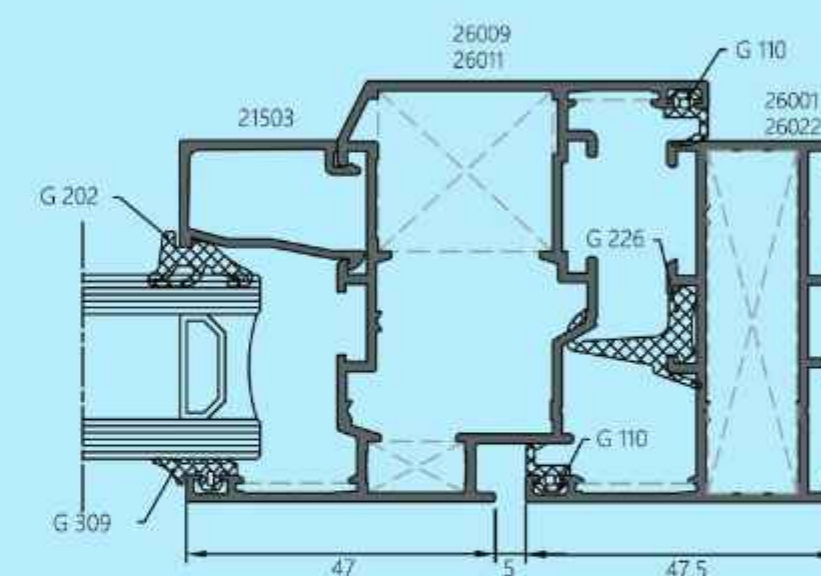


HN-55 Technical characteristics

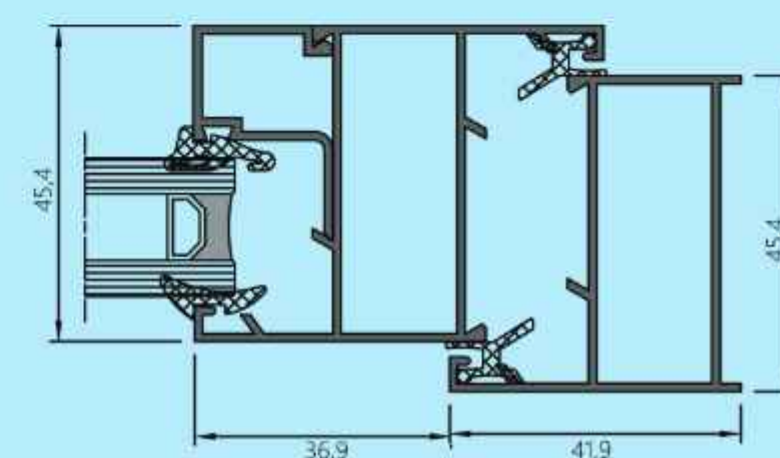
Frame width:	55 mm
Sash width:	64 mm
Sash Glass thickness:	6-34 mm
Frame Glass thickness:	6-34 mm

HN-45 Technical characteristics

Frame width:	45 mm
Sash width:	45 mm
Sash Glass thickness:	6-24 mm
Frame Glass thickness:	6-24 mm



HN-55 ▲



HN-45 ▲





BC50 – Aluminium Curtain Wall System

BC50 is a modern façade solution with an engineered design that combines aesthetics, safety, and high-level performance. With its earthquake resistance and ability to maximize natural light, it is an ideal choice for high-rise and architecturally ambitious projects.

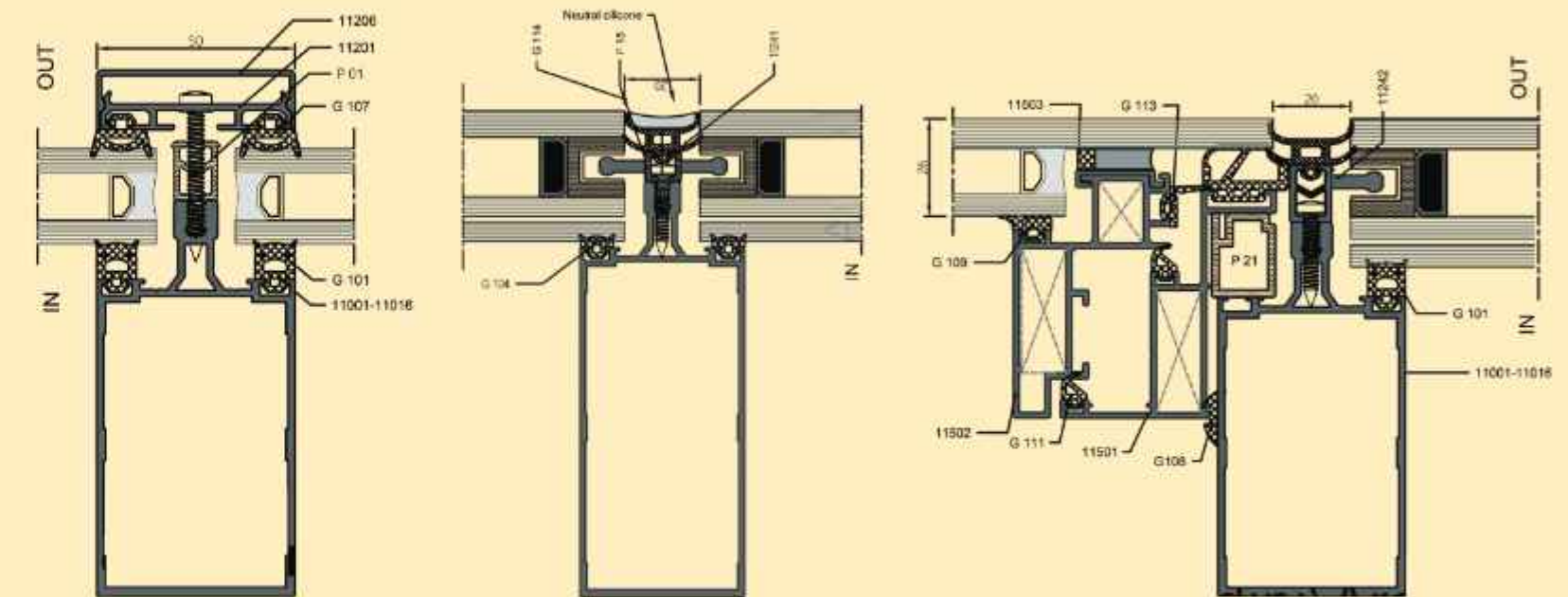
BENDINI Aluminium Systems



Aluminum
Curtainwall Systems (U Channel)

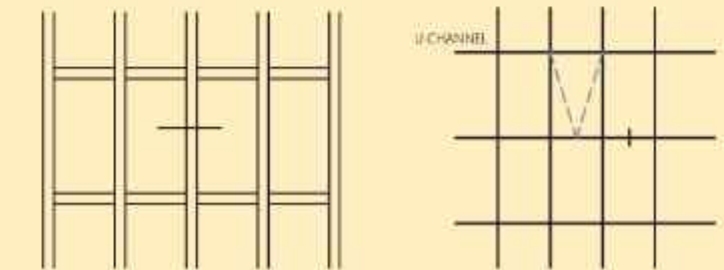


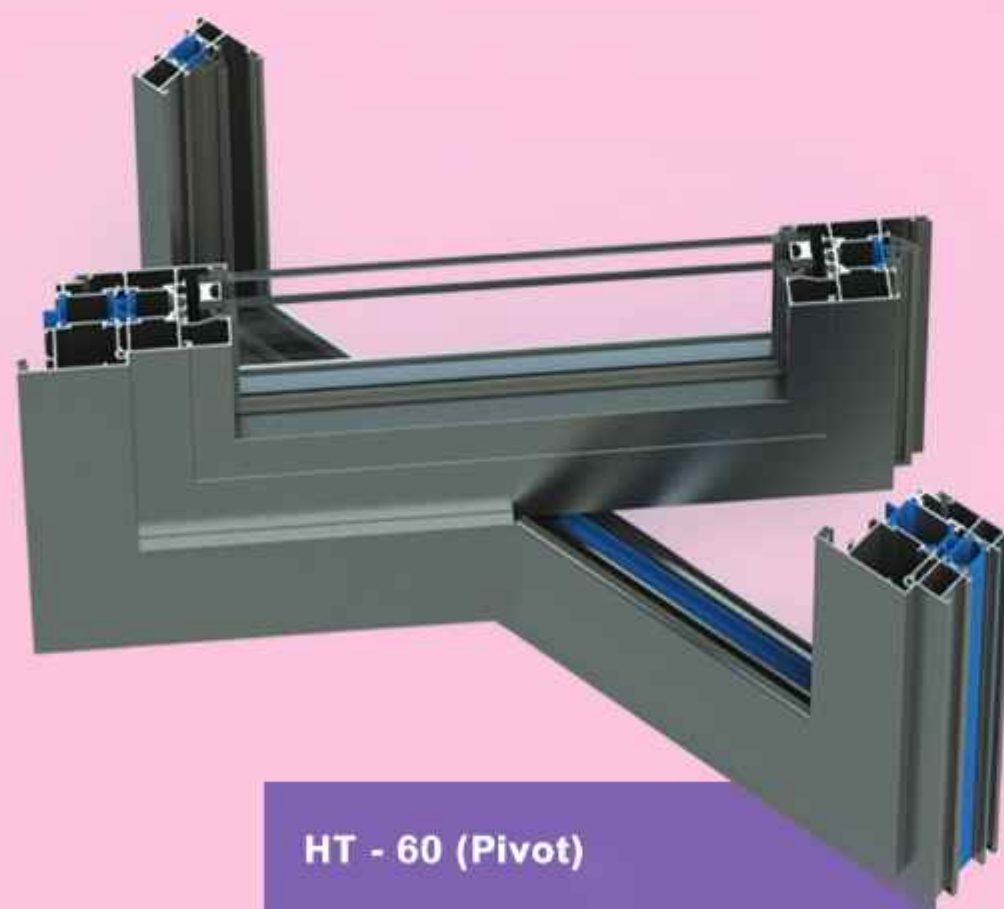
Aluminum
Curtainwall Systems (Face cap)



Technical characteristics

Mulion Width :	50mm
Mulion Height:	50-200mm
Glass thickness:	6-52mm





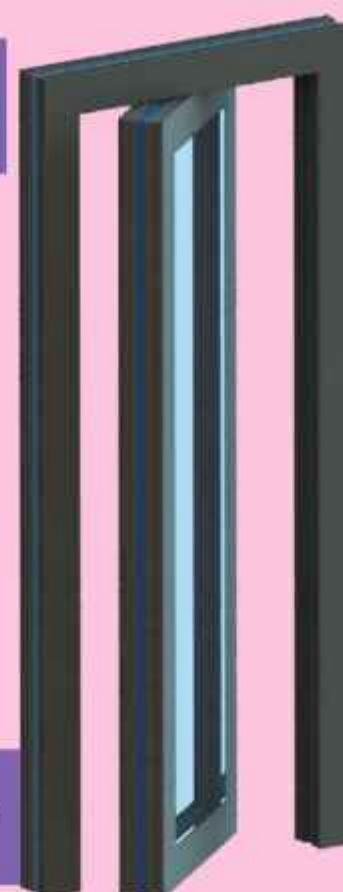
HT - 60 (Pivot)

HT-60(Pivot)

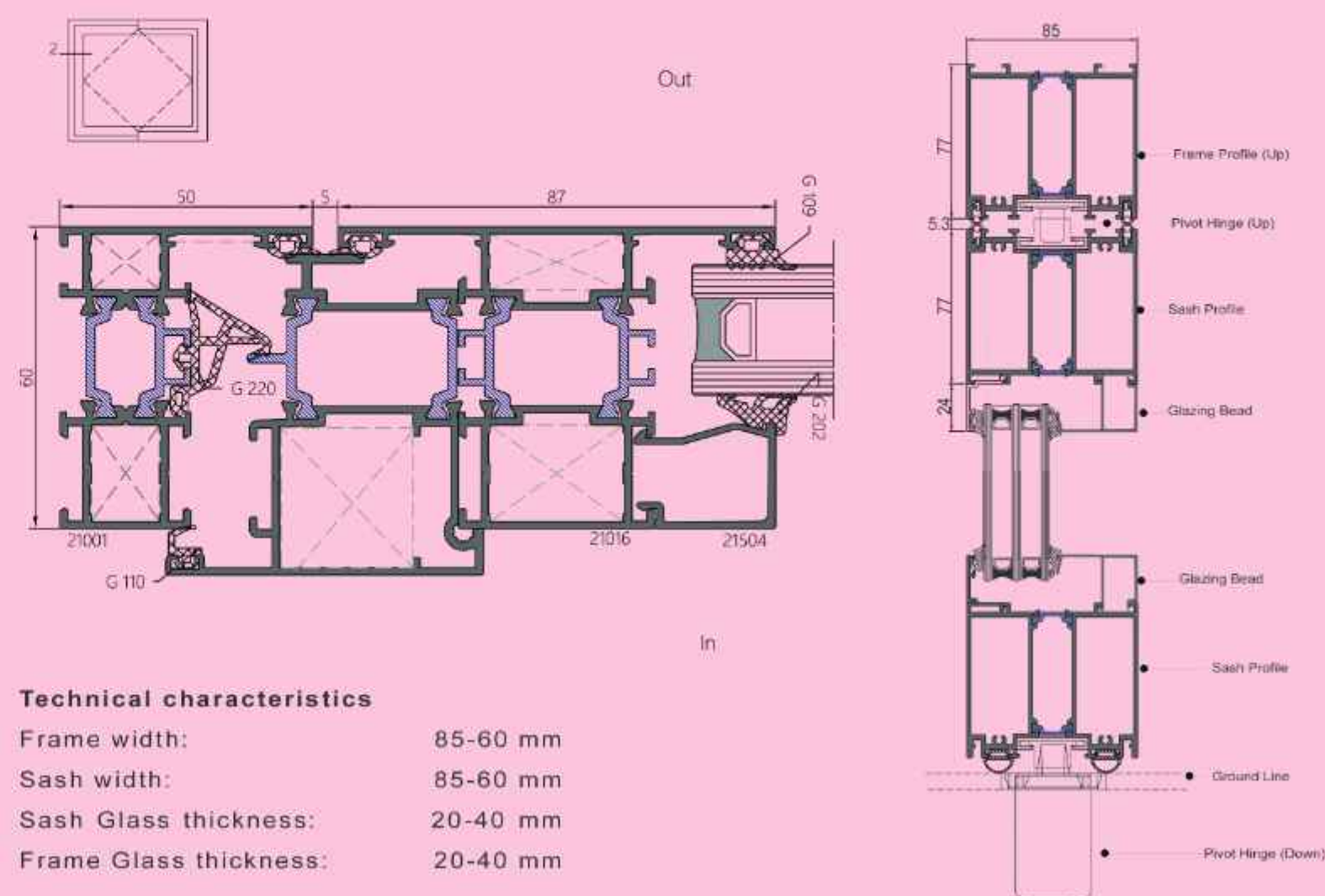
HT60 Pivot is a specialized system designed for large-scale doors with a modern architectural aesthetic. It allows smooth central-axis rotation, combining a distinct sense of luxury and sophistication with reliable technical performance and effective sealing.



Window opening Style



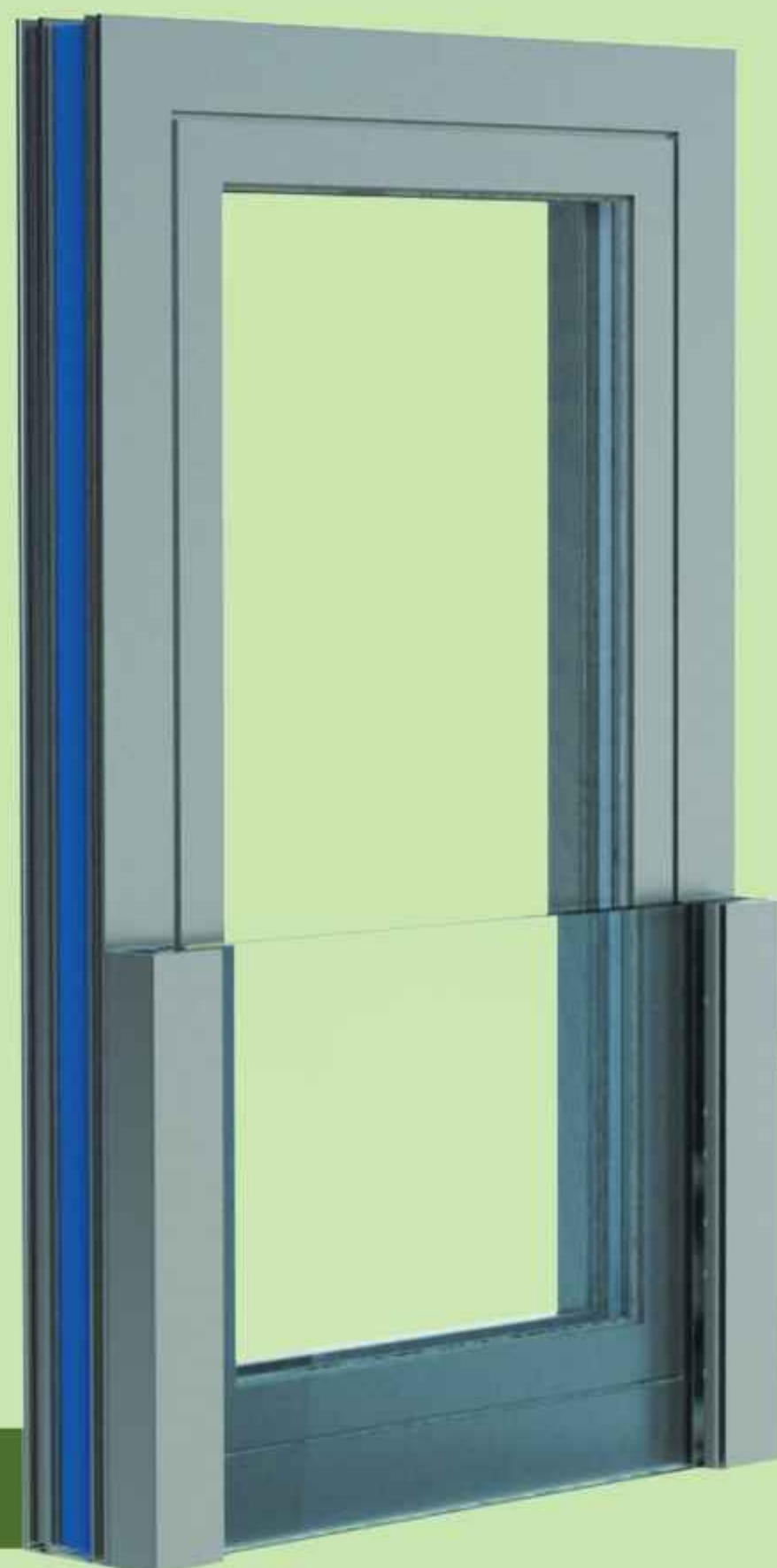
Door opening Style



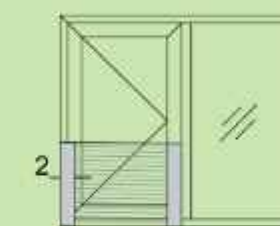
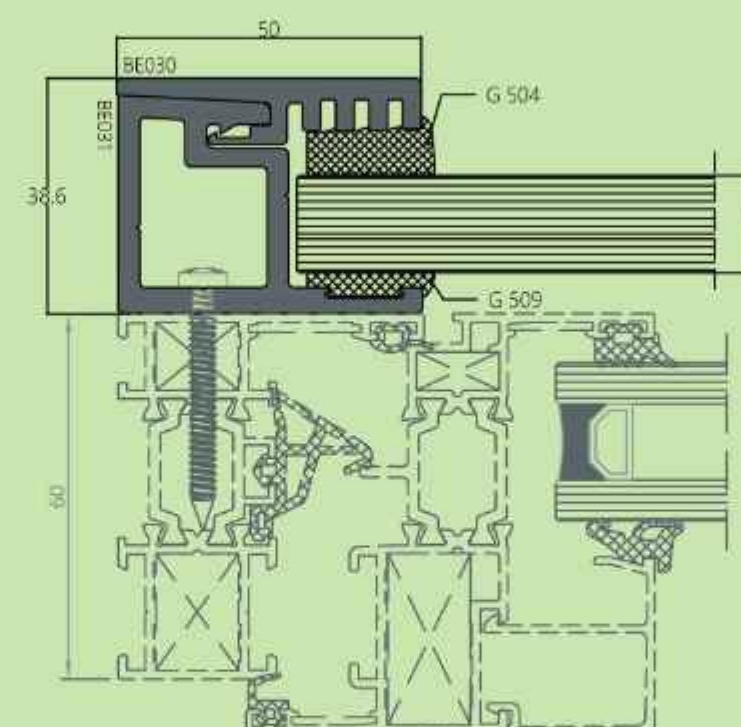


Juliet Balcony – Decorative and Safe Glass Balconies

The Juliet Balcony system combines elegant design with full safety features. These compact balconies create a beautiful, harmonious façade without occupying valuable space, while ensuring quick installation that meets all safety standards.

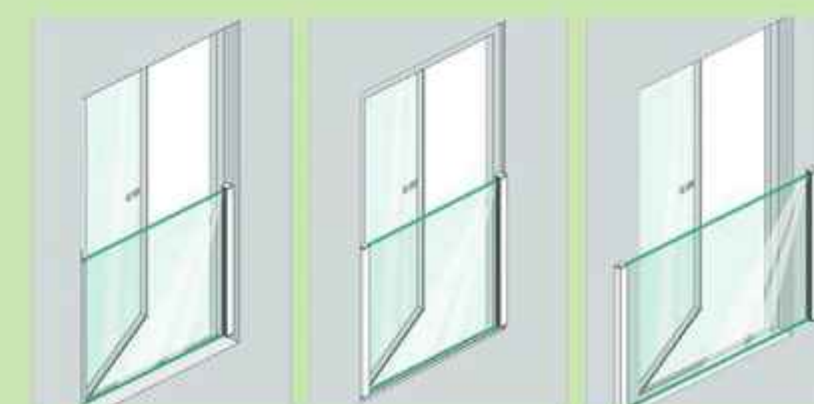


Door opening Style



Technical characteristics

Fram depth:	50 mm
Glass thickness:	16 mm





Sky Light – Aluminium Roof Skylight System

BENDINI's Sky Light system is a professional solution for bringing natural light from the roof into interior spaces. With weather-resistant design, a luxurious appearance, and versatile applications (such as greenhouses, lobbies, and commercial centres), this system is a distinctive choice for architects and designers.

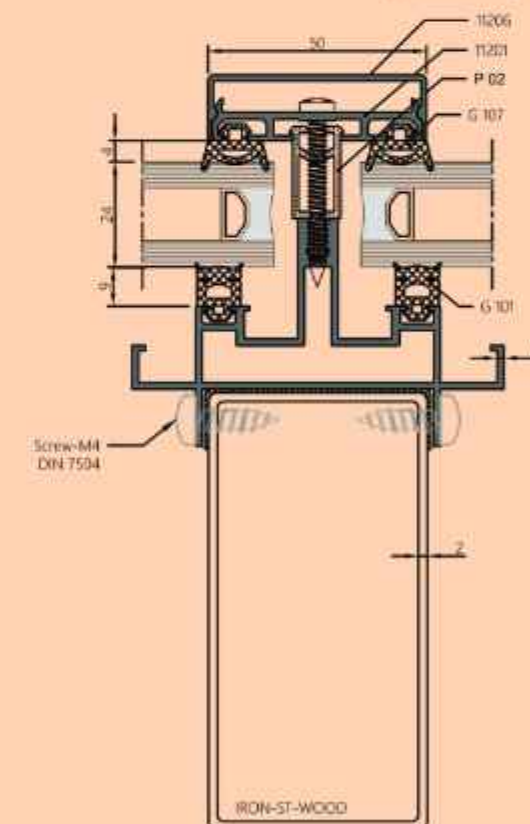
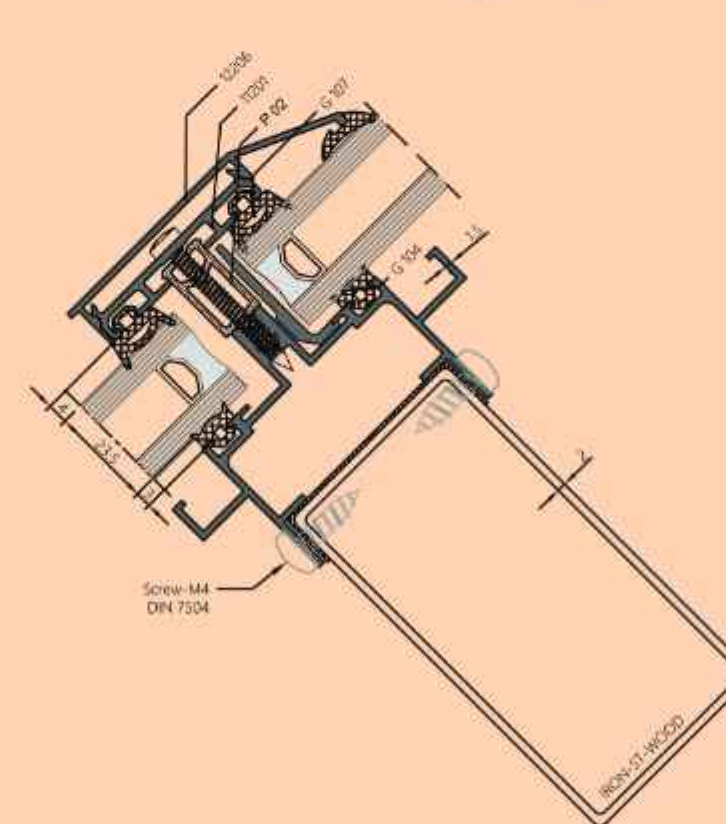
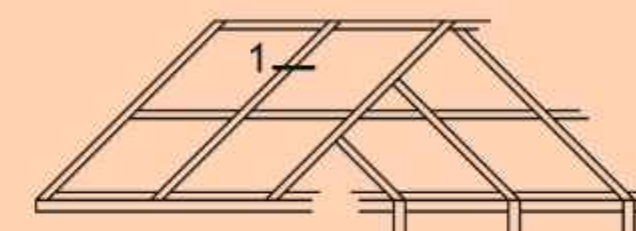
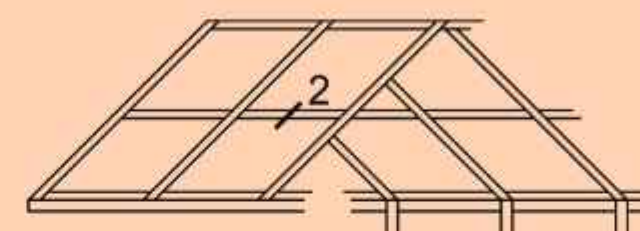
Sky light system



Transom Profiles



Mullion Profiles



Technical characteristics

Mullion Width : 85mm
Glass thickness: 6-52mm





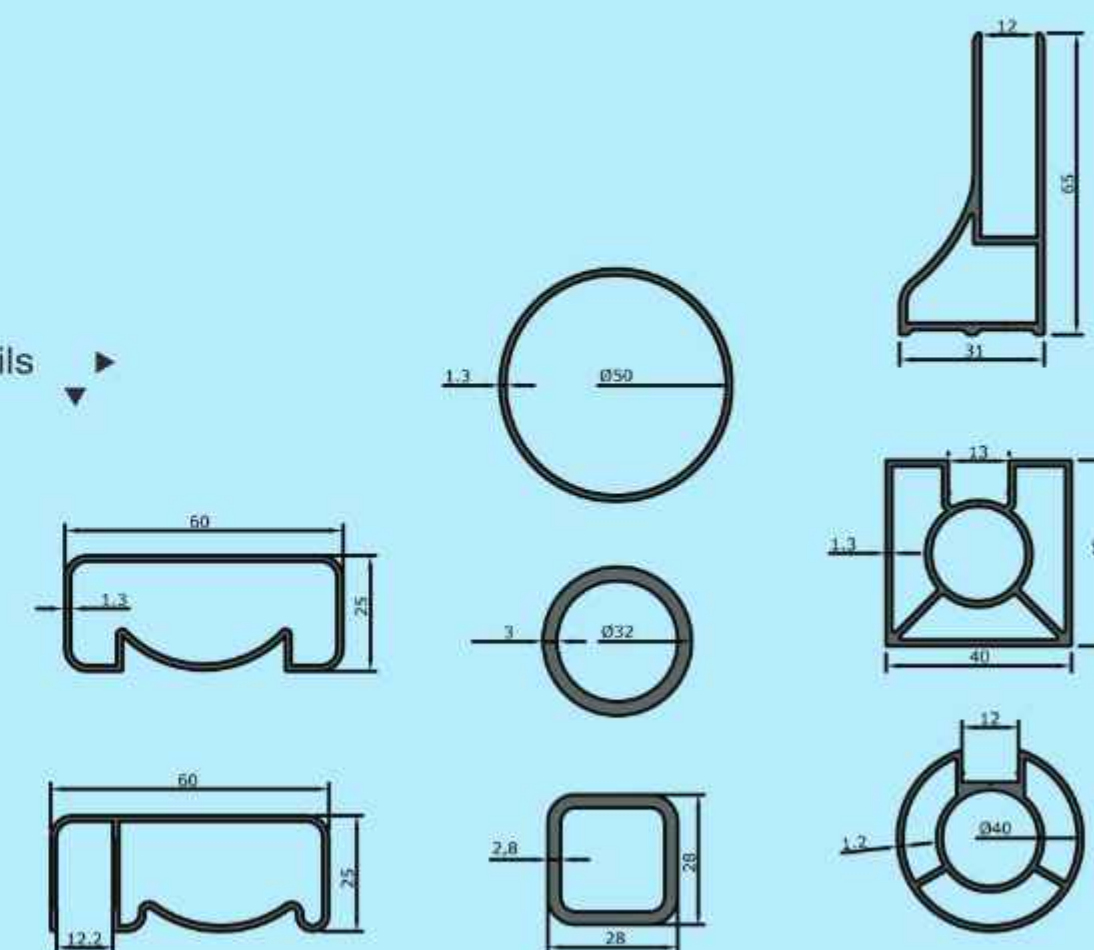
Balustrade – Modern Aluminium Railings

BENDINI's aluminium balustrade system combines lightweight design with exceptional strength, delivering both safety and aesthetics for balconies, terraces, and exterior facades. Compatible with a wide range of architectural styles, it offers a modern and reliable solution for both interior and exterior applications.



Balustrade – Aluminium Railings

Aluminium Railings details

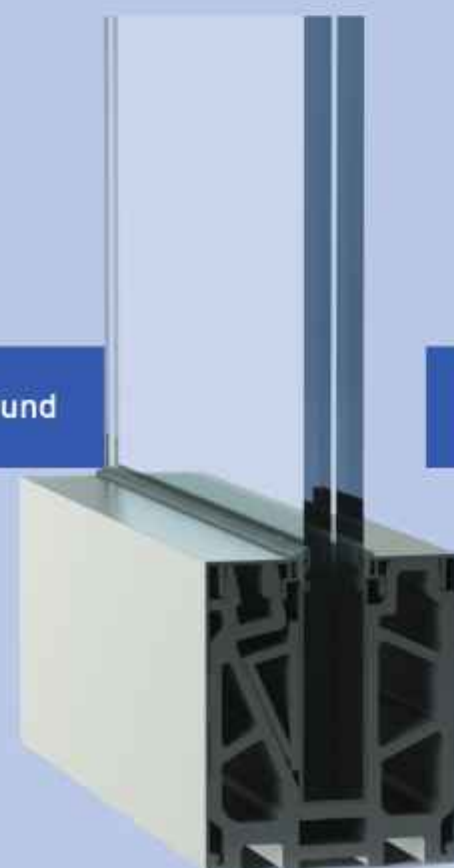




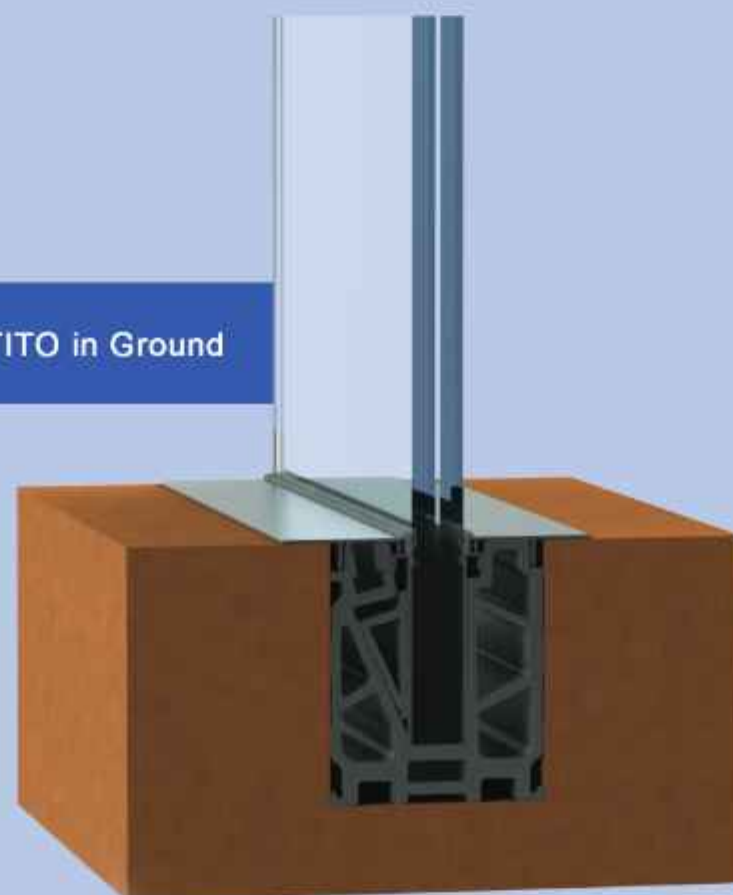
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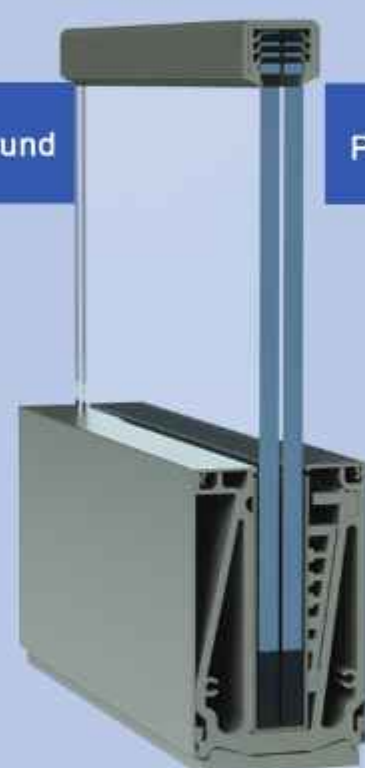
TITO on Ground



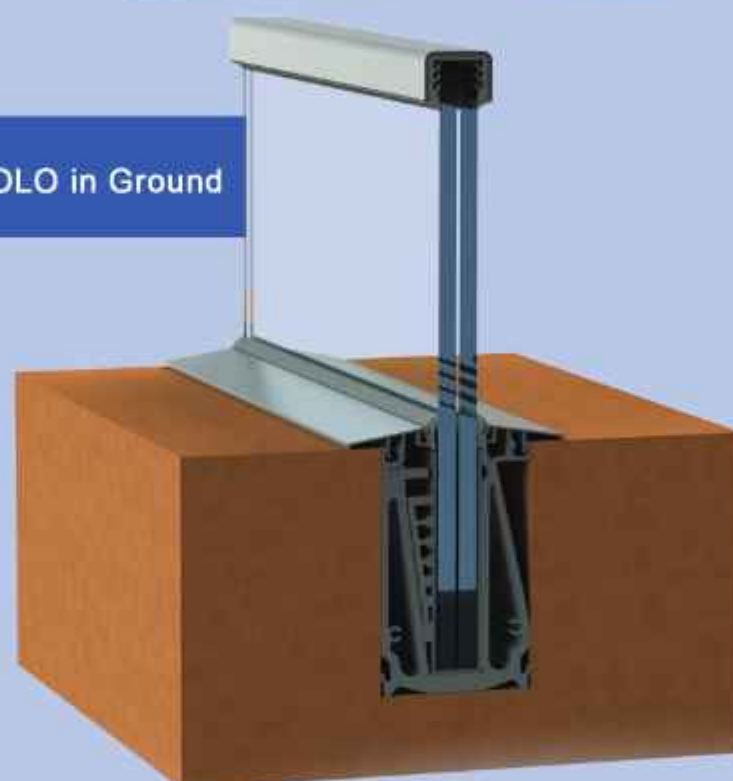
TITO in Ground



PICCOLO on Ground

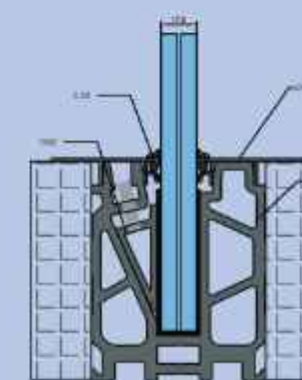
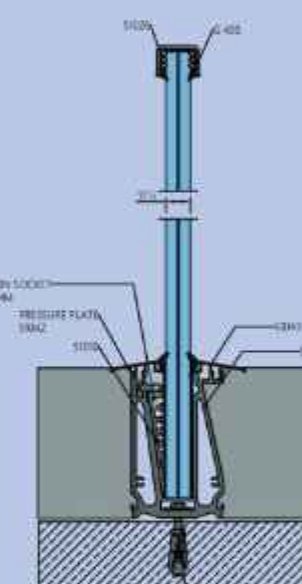
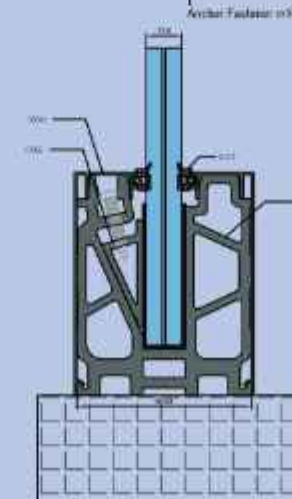
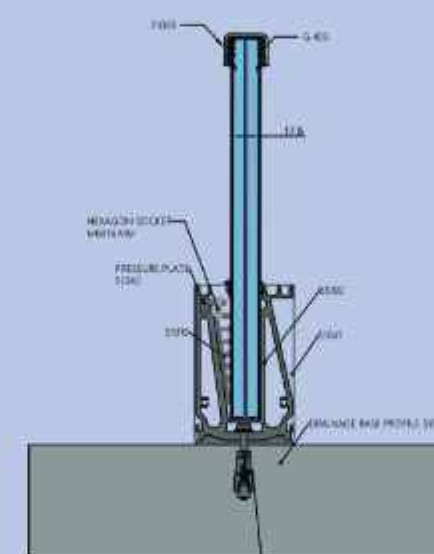


PICCOLO in Ground



Drawings of various Bendini Handrails

Hidden Vent





BL-50 Louver System

Bendini BL50 with 50 mm width a louver system which is suitable for all kinds of Second layer of façade. Louver has been an important part of architecture since the Dark Ages. People have used louver systems to build their homes to protect themselves from the sun. Aluminum louvers are shutters that have horizontal boards that can be placed at different angles to shade from sunlight. At present, we mainly install aluminum louvers for decorative and architectural purposes.



BL-50 Louver System

Pore Profiles



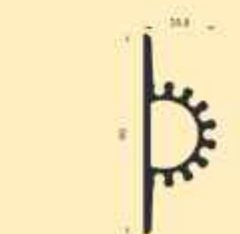
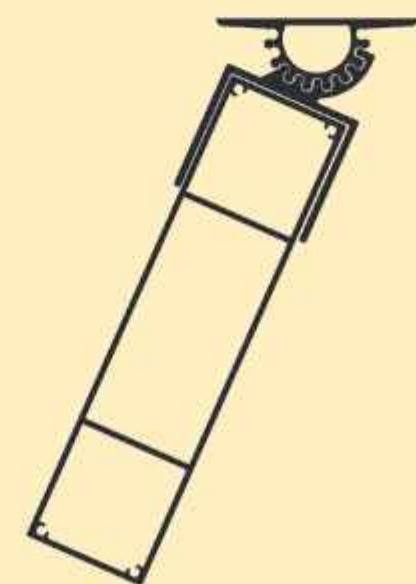
Rectangle Louvre



Rectangle Louvre
Basic Profiles Louvre



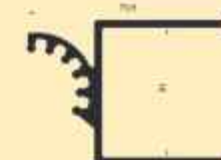
Rectangle Louvre



Rotational Profiles Louvre



Rotational Profiles Louvre





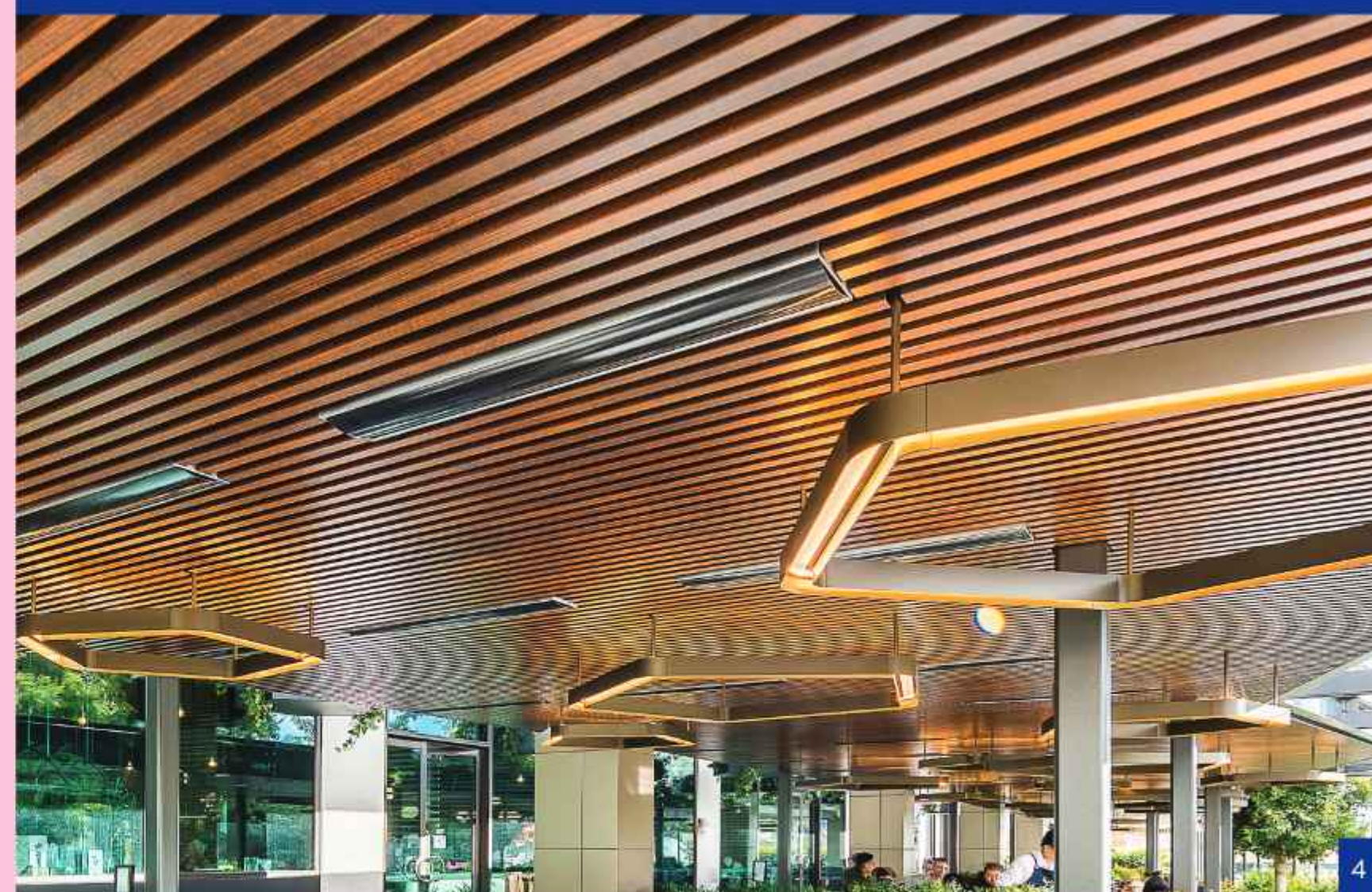
BL-25 Louver System

Bendini BL22 with 25 mm width a louver system which is suitable for all kinds of ceiling louvre. Louver has been an important part of architecture since the Dark Ages. People have used louver systems to build their homes to protect themselves from the sun.

Ceiling louver



Rectangle Louvre



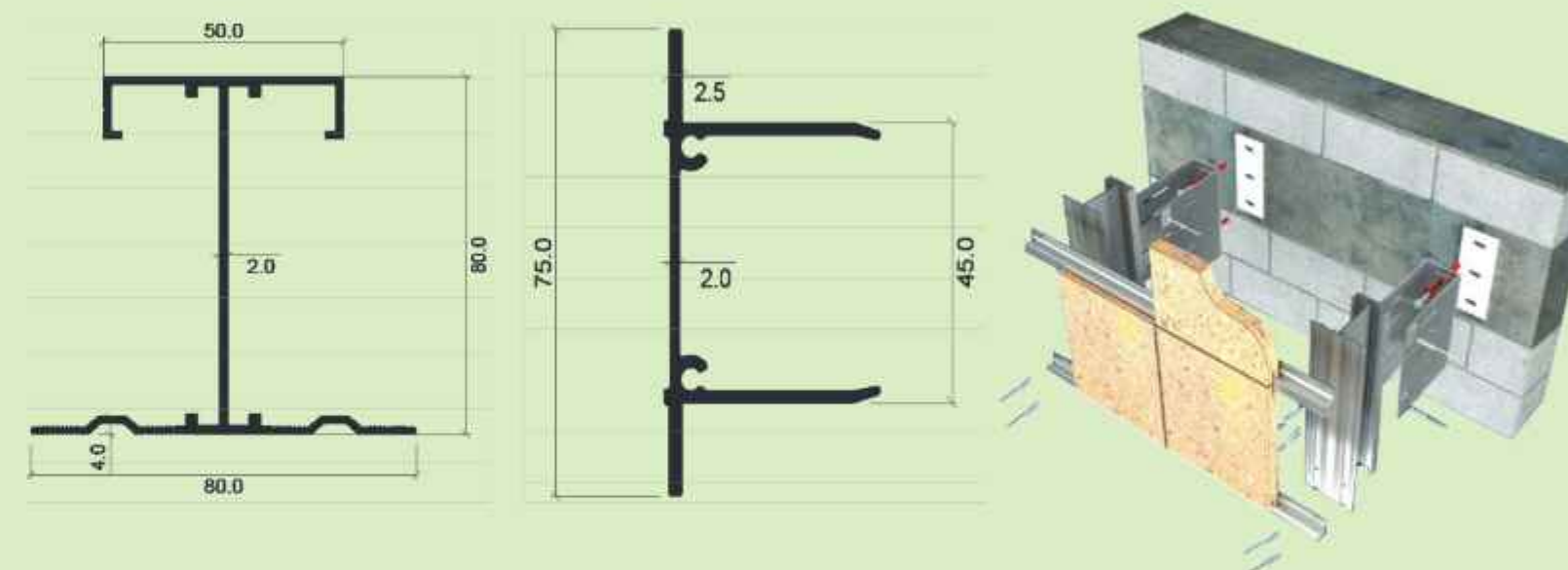


Stone Fixing System

Aluminium Stone Fixing System for Stone Wall Cladding Projects is Lifting and Handling Tools from China, welcome to buy Aluminium Stone Fixing System for Stone Wall Cladding Projects with good quality and price from China suppliers and manufacturers directly.



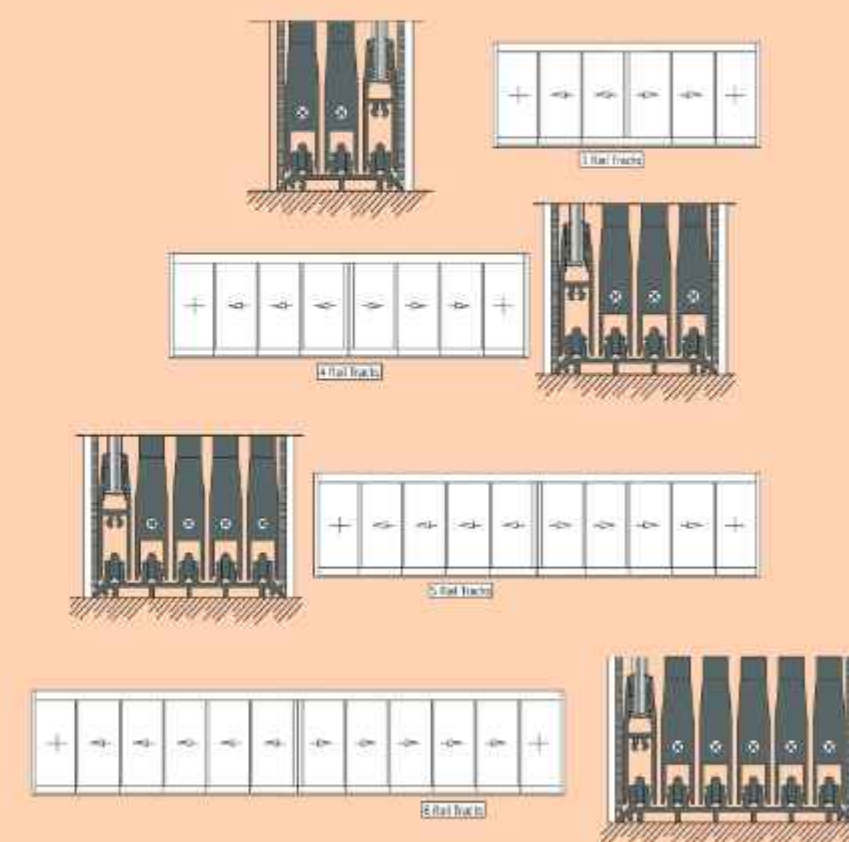
Stone fixing system





Veranda – Modern Aluminium Outdoor Structures

BENDINI's Veranda system offers an intelligent solution for optimizing outdoor spaces. This modern aluminium structure, combined with the option to install large sliding windows, ensures proper ventilation and elegant aesthetics—creating a pleasant, usable environment throughout the year.





Louver Pergola



Tent Pergola



Guillotine System



Guillotine System





Wood Effect Coating

Aluminum profiles can be displayed in different colors, including wood-patterned colors, so that you imagine that the doors and windows are completely made of wood. However, by using wood-coated aluminum, you are helping a lot in preserving nature.



Aluminum gazebo with wood design covering



Aluminum railing with wood design coating



Aluminum windows for cafes

B

BENDINI Aluminum Systems

BUILT WITH BENDINI PROFILES



B

BENDINI Aluminum Systems

52



Bendini Aluminum Systems Certificates



Transform spaces
Open Possibilities
Choose BENDINI

B BENDINI