BROMBAL
THE WORLD’S FIRST LUXURY THERMALLY BROKEN METAL WINDOWS & DOORS
Developing a tradition of artisanship and excellence for over half a century. We welcome you into the BROMBAL family.
INDEX

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Studying and perfecting the art and craftsmanship of metalworking. There is no substitution for experience!

“Developing a tradition of artisanship and excellence for over half a century, we are honored to welcome you to the BROMBAL family!”

BROMBAL is a leader in the production of Italian manufactured door, window and facade systems in galvanized steel, corten steel, stainless steel and brass. Each year, almost 7 million linear feet of profile bars are used to produce 200,000 doors and windows. BROMBAL boasts years of experience and constant, dedicated commitment to achieve the highest standards of quality and innovation for their products.

3 CENTURIES OF COMBINED EXPERIENCE
Pietro Brombal began his apprenticeship at age 14 as a metal craftsman.

1960

Pietro Brombal established a metal fabrication shop in Altivole, Italy, specializing in custom window and door frames.

1975

Pietro Brombal opened his own workshop in Altivole, Italy, proudly named “Serramenti Brombal.”

1979

Two sons Leonardo and Pierpaolo are taught the steel business by their father at an early age.

1995

Pietro Brombal invests into Secco Sistemi Spa and becomes partner and member of their Board of Directors.

2002

Today Leonardo oversees manufacturing and Pierpaolo manages sales and marketing. Including their father, they have over 100 years of steel/bronze fenestration experience.

2004

Brombal’s first thermally broken project sold into the US market in Napa Valley, CA.

2005

Brombal completed the largest project to date, the Five Star Molino Studyo Hilton resort hotel in Venice, Italy. Over 2000 window units were used in the restoration project.

2007

Brombal expanded operations into a new state of the art facility in Altivole, Italy.

2011

Brombal USA founded with partners Domenick Siano and William Polinsky to provide excellent customer service and commitment to the US market.

2016

Brombal Oceania founded with Gherardo Gambaro & Jon Begg to provide & service the needs of Australia & New Zealand.

2017

Dave Behan becomes additional partner and CEO of Brombal USA.

Brombal is the global leader in the thermally-broken luxury steel and bronze fenestration industry. They continue their rich family tradition of metal crafting artisanship by partnering with the world’s most talented architects and builders. Seamless integration of an elegant product into sophisticated designs. This is what sets Brombal apart.
There are few words which are able to express the value of experience offered to you by the Brombal Family.
Attaining greatness is possible when you join with others who have the same vision and business practices that lead to greatness. This is why Brombal takes great care in selecting our partners. Working with industry leaders like Secco Sistemi, Zanatta Vetro, and Meccantronica allows Brombal to offer their clients a finished product that personifies excellence, ingenuity, and design.

IN UNION THERE IS GREAT STRENGTH
Secco Sistemi

Secco Sistemi – manufacturer and engineers of cold rolled and thermally-broken profiles/systems, Brombal is their top client

Meccatronica Automazioni

Meccatronica – manufacturer of complex motors for automated operation of door, window, and gizmo systems

Zanatta Vetro

Zanatta Vetro – manufacturer of insulated glass units; size capacity = 10’-6” x 24’-0” (252 sqft), 10-year warranty, extremely clear high performance glass, low profile and square corner spacer bars
The largest investment Brombal makes each year is in the testing and performance evaluation of our products. Why? Because we know this is what our customers expect. You are trusting in us to provide products that protect your investment, that shield you from the fiercest elements, that perform year-after-year without fail. There are no substitutes when your comfort and peace of mind are on the line.
The use of metal profiles to create doors and windows began in the mid-1940’s with metal rolling technology. The process combined a series of rollers that generate tubular profiles which require crimping and welding. In 1990 the first Thermally Broken window was developed. It was a combination the rolled metal shapes, a polyamide which holds the sections together, and a high density resin which permanently bonds the sections together creating a durable long lasting profile. This 2-piece system provides industry leading torsional and shear strength allowing Brombal to produce larger sizes with minimal sightlines while guaranteeing structural performance. With the ability to combine industrial tradition and technological innovation, there are now over 200 different profiles available in four different materials and multiple finishes. With a dedication to technological development Brombal has become the leader in the metal fenestration industry.
As walls of glass get more extensive the need for engineered structural reinforcements becomes a necessity. Brombal not only designs stiffeners but we manufacture them with the same thermally-broken integrity found throughout our window and door systems.
Mullion options

OS2 FXD mulled to OS2 CSMT with structural support inside the profile

OS2 FXD mulled to EBE Hinged Door

OS2 FXD mulled to OS2 CSMT Outswing

QUALITY & PERFORMANCE
OS2 FXD mulled to OS2 CSMT with structural 3/8” stiffener

SOLUTION 1 - OS2 muntin OS2 CSMT direct mulled to OS2 CSMT

SOLUTION 2 - OS2 narrow muntin OS2 common frame FXD and CSMT

Quality & Performance
Wind Load and Design Pressure Calculations, Performance and Code Compliance

Beauty is only skin deep as the saying goes. Brombal realizes the true measures of sustainable quality life in our product’s performance. Thanks to our team of engineers and designers we develop our products to meet your project specifications to ensure security for home and family.
Going above and beyond to ensure the highest level of quality performance, the Brombal Lab is equipped with the most updated testing machines which are certified by American Institutes. This allows us to test each unit for maximum performance in areas of air, water, structural, and hurricane forced winds. An unparalleled 360 degree service to our clients. When the stakes are this high you can’t settle for 2nd best.

Certifications

Whether Mother Nature blows fierce winds, unleashes cascading rains, exposes bright rays of sun, or sends flurries of snow and cold you have the assurance that Brombal has designed systems that pass the most stringent certification requirements in the world. In fact Brombal offers the only luxury thermally-broken steel or bronze systems to pass the world’s toughest fenestration standards - Miami Dade and Florida Impact Ratings. This speaks volumes about our dedicated strategy to provide our clients with a product that not only looks beautiful but performs beautifully.
QUALITY & PERFORMANCE

Multi-Point Lock

Multi-point hardware is essential in providing security and weather tight performance. This is why Brombal offers it as a standard on all of our window and door units. Brombal uses a unique mortising fabrication process so the hardware fits into the profile like a glove.

Gasket

Air and water tightness are essential for providing comfort inside your home. Brombal uses friction fit, heavy gauge, EPDM weather-stripping that will protect you against the damaging effects of Mother Nature.

Hinges

Hinges bear the massive weights of heavy sash and door panels. This is why Brombal choses to use heavy-duty adjustable hinges available in galvanized, corten or stainless steel that will guarantee a lifetime of responsive operation for your doors and windows.
Free to sit back and think, without any constraint, obligation or restriction. Brombal offers this, there is no limit that is given, only the imagination. Our experience, professionalism and technique, will allow you to realize your dreams.
Corten steel is a high-resistance alloy containing copper, chrome and phosphorous. It became popular in the mid 1930’s used mainly for heavy construction and sculptures. It is a material that is characterized by being highly resistant to corrosion with high tensile strength. These alloys are self-protective through the formation of a superficial coating that prevents the progressive extending of the corrosion process. The oxidation process can be accelerated through a process done in house where oxidizing is done by hand over a 2-3 week period. The resulting finish is a material with unique coloring of warm shades of brown and orange. Thanks to Brombal’s innovative and technological advancements, we were the first manufacturer to produce windows and doors from this material which is highly appreciated by the architectural community.

A unique material embraced by artists and architects alike for its aesthetic value and exclusiveness.
The advent of stainless steel dates back to the beginning of the 20th century. This alloy is made with iron, chrome, nickel and molybdenum which protects its surface from corrosion. Throughout the years, stainless steel has undergone many technical improvements and has thus become universally famous for its high durability in a variety of environments. The advances during the last decades have enabled a wide range of products to designers that meet their needs for using this material in aggressive environments. For the production of our profiles, we use AISI 304 and AISI 316L stainless steel. AISI 304, most commonly used in a satin or polished finish, is typically used in less aggressive environments while AISI 316L, most commonly provided in scotch-brite or a polished finish, is mainly used in marine environments and is the most durable stainless steel available. The physical features of these alloys allow for narrow sections with lower visual impact. Stainless steel guarantees a long life cycle with minimal maintenance. With its reduced thermal conductivity, stainless steel is suitable for use in the most challenging conditions.
This copper-zinc alloy discovered in the 1st century can be traced back to its current version to the 16th century. Brass is well known for its ability to naturally oxidize when in contact with air while its physical features remain unchanged. This oxidation allows brass to obtain a particular antique bronze finish, ideal for prestigious refurbishment of historic buildings as well as offering an elegant yet traditional look for new construction. Our frames are made with an OT67 alloy. This alloy offers a high percentage of copper (67%) for a high resistance to corrosion while the zinc (33%) improves its mechanical properties such as hardness and tensile strength. Brombal has developed a burnishing process for this alloy that accelerates the natural oxidation process. This process creates a variety of beautiful bronze-like patinas while increasing its resistance to corrosion. With this process, the alloy requires less maintenance and displays a variety of warm and elegant shades of coloring that bring to mind the old bronze metal that is unique and elegant. This self-protecting patina also makes the final product ideal for aggressive environments like a marine setting or corrosive environment.
Joining the strength of steel with an infinite range of colors and finishes provides endless solutions for every project.

GALVANIZED STEEL

The use of steel windows and doors dates back to the late 1840’s, but since the Industrial Revolution in the second half of the 19th Century, there has been a significant increase in development of the products. The Bauhaus movement established steel as an indispensable architectural component in the 1920s and 1930s, giving it authority and stature. The 1950s saw the development of cold rolling and the evolution of the simple L, T and Z shaped profiles, expanding the product range with more complex shapes that could meet the ever growing market demand for innovative systems. This was especially true for doors and windows with a thermal break. Our frame uses a specific steel alloy, FePO2 with a GZ200n hot zinc coating (equivalent to 200 g/m² per side), that protects the profile from oxidation both on the interior and the exterior surface. The subsequent finishing process, called skin-passing, allows for a better paint adhesion thanks to polyester powders which is available in a wide range of colors and custom finishes. The structural integrity of the steel allows for profiles with narrow sightlines and unsurpassed structural integrity.
EXTENSIVE PRODUCT PORTFOLIO

Simplistic but elegant design infused in every type of opening, we guarantee your satisfaction. Where others leave off Brombal is just beginning. We offer the most extensive product portfolio in the industry and it continuously expands as we bring to reality the desires of our customers. With simplicity, talent and experience we provide expertly engineered products to fill any opening in the building envelope. We love accepting a challenge. It allows architects creative license in turn providing reality to Homeowners’ dreams.
Hardware is an expression of form and function. It must be comfortable and familiar while offering beautiful elegance. It is the customer's connection to our craftsmanship. It must be in perfect harmony. Open your eyes to the possibilities of true luxury.
At Brombal no details are left to chance. Burnishing metal to a specific patina requires a craftsman’s touch. This is why we have invested in a new state-of-the-art burnishing plant. Our burnishing plant guarantees us the flexibility to offer unique living finishes that enhance the metal’s natural beauty.
Mechanical Engineering for Operable Glass Wall

Imagination should be cultivated. This is why Brombal fully embraces the development of entire walls of operating glass. These units are jewels in the crown of mechanism. A complete thermally-broken glazing wall which is water and air resistant, operated by automation or mechanism means – pivoting, folding, swinging, guillotine, or let your imagination run wild.

Designed in collaboration with Olson Kundig. These impressive operating walls of glass meet the most challenging glazing requests in the world.
Thousands of Finishes

Michelangelo created masterpieces through the use of vibrant colors which have endured the test of time. At Brombal, we allow the client to choose from a vast array of color palettes that when combined with state of the art application technology we extend the Italian tradition of lasting quality for your fenestration masterpiece!

FREEDOM TO CREATE

Custom Doors

Brombal offers an extensive variety of door options to fit every imaginable opening: Pivot doors, Lift/Side, Multi-slide, Bi-fold and Standard hinged. Once you touch and feel how smooth they operate you will know you are experiencing something truly unique.
Fixed magnetized screens minimize the screen frame profile and allow for easy removal for convenient storage or cleaning.

Mechanically fastened fixed screens have covers that meticulously match all materials.
Hinge screens offer a traditionally elegant solution for improved ventilation and easy access to the operable door leaf or window sash.

Roll down screens allow for concealment when unwanted, or easy accessibility when required.

Retractable screens slide horizontally into concealed canisters providing a convenient and concealed insect barrier.

Sliding door screens provide a simplistic approach to screening large door openings.
Customization capabilities are key to Brombal’s success and have paved the way to us becoming the world leader in luxury fenestration. Where other companies stop short, Brombal is found paving the way in product innovation. Our clients expect us to meet their demanding design intent. Boxes are boring which is why we live without boundaries.
Curved Fixed Frames

Bending frames to match perfectly with curved glass is no easy task. There is no room for error. Brombal's precision methods of fabrication and engineering ensure all aspects will come together in perfect union.
Brombal wants to create a seamless transition between product and structure. This is why we offer to supply metal flashings, sill pans, and covers. We call this “Solution Based Fabrication.”
Customization:

12' x 11'-3" Single Panel Pocket Lift/Slide

Operable 3' wide door built within TDL - designed to conceal operable door

For every day use this client wanted to conceal a hinged door for quick and easy entry within this massive pocketing lift/slide door system. During parties the door is slid into the pocket providing an easy transition between indoor and outdoor space.
Customization:
Inclined Motorized Sliding Doors

The architect was hoping to combine two systems into one: Skylights and Sliding doors. The automated door openings were built with an inverted angle to allow more natural light to enter the space while providing access to outdoor living spaces.
Customization:
Curved Bifold Door

Some designs are just too "square" which is why Brombal provided this one-of-a-kind curved bifold door system. As a result, the beautiful mountain setting is maximized with unobstructed panoramic views.
Customization: Skylight

Opening a view to the sky which brings natural light into confined spaces. We will design a variety of shapes and sizes to meet your specific skylight needs. Motorized venting applications are also available.
Lift and Slide Sill Options

**Standard Track Option**

Our standard track provides reliable high performance against the most demanding elements with an integrated weep system. Between the stainless steel rails we provide a color matched cover so uniformity exists throughout.

**Flush Track Option**

If concealment is your desired effect we have the perfect solution. A near seamless transition between floor coverings and stainless steel track is possible. The flush track’s unique engineering provides adjustment screws allowing for a perfectly level installation. Included is a practical water drainage system.
Outswing Option

Simple yet functional, our outswing door thresholds provide a weather tight seal against the elements. Available in a range of sizes and configurations to suit any sill condition. Finishes include anodized aluminum, bronze, stainless steel, corten, powder coated and a variety of custom finishes and materials.

Inswing Option

Our inswing thresholds are a perfect solution for a weather tight application. They have been customized and include a built in weep system, an integrated pan, and rubber gasketing which provide ultimate performance. Available in a range of sizes and configurations to suit any sill condition. Finishes include anodized aluminum, bronze, stainless steel, corten, powder coated and a variety of custom finishes and materials.
We know that if we leave the right impression that our customers will never leave us. This is why we strive to always provide more than what they ever expect. These services are found in detailed shop drawings, installation service assistance, job-site fine tuning, sample and mock-up fabrication, and collaboration meetings.
Feasibility Studies

All details are painstakingly considered and communicated in exactness. There is no room for error so an exhaustive approach in vetting out all needs and requirements is made. Architects, builders, and other subcontractors are brought together to ensure Brombal’s products fit seamlessly within the project scope.

Installation and Field Services

We have a saying at Brombal that 50% of the quality is in the installation. We take this important process seriously because it must be done right. This is why we provide installation assistance so we can guarantee perfection.

In addition our skilled service technicians are available to fine tune products prior to the client moving in... it’s what we call “white glove service”

WELL DONE IS BETTER THAN WELL SAID.
SERVICES

Shop Drawings

In order to provide the most accurate and detailed shop drawings we hold pre-shop drawing meetings with the architect and include their head, jamb, sill conditions showing complete integration of Brombal’s systems within the building envelope.

Samples and Mock-Ups

Providing an accurate portrayal of the window and door systems through sample and mock-up submission is critical in communicating expectations and improving product design. Brombal wants clients to see, feel, test, and have complete confidence in the products they are receiving. This process is accelerated during the design phase well in advance of final product fabrication.
Each project is unique thus requiring the fenestration systems to be up to the challenge. This requires Brombal and their partners to offer a variety of systems that perform as best-in-class while maintaining flexibility in design. There are hundreds of profile choices and combinations to develop a system that fits your project perfectly.

When performance and design flexibility meet quality... systems are defined.
The OS2 system was developed and designed to provide historical and monumental buildings with door and window frames that mimic traditional steel windows used in the 19th through mid 20th century. With narrow sections and the use of materials like galvanized steel, the OS2 system is also a perfect fit for traditional architecture, but is versatile enough to work in contemporary architecture as well. This system exceeds the current energy standards by use of thermal break as well as dual and triple pane glazing options while also being a design and style leader. Along with the energy efficiency the OS2 produces, it has gone through rigorous hurricane testing proving the functionality and durability of this narrow sightline product. The OS2 system includes a complete range of accessories that enables it to be used in a wide range of product offerings.
OS2 65

configurations

Fixed window

Single casement, French casement, Awning, Hopper, Pivot

Hinged Doors including single and French

Bi-fold Doors
Slider Doors

Arched top, Shaped and Curved units

Composite units and Corner configurations for unobstructed views
metal available in GALVANIZED STEEL - CORTEN STEEL - STAINLESS STEEL - BRASS

P2697
square glazing bead

P2696
square glazing bead

P2015
square glazing bead

P2638
L glazing bead

P2629
sloped glazing bead

P2638
P2638
L glazing bead
OS2 77

profiles

- glazing bead
- internal and external rebate
- internal rebate seal
- polyurethane
- polyamide break
- frame with weep system seal
- maximum glazing pocket of 55mm (2 3/16”)

configurations

Fixed window

Single casement, French casement, Awning, Hopper, Pivot

Hinged Doors including single and French

Bi-fold Doors

Slider Doors

Arched top, Shaped and Curved units

Composite units and Corner configurations for unobstructed views
metal available in GALVANIZED STEEL - CORTEN STEEL - STAINLESS STEEL - BRASS

P2697 square glazing bead

FIXED FRAME 20mm (13/16") leg interior glazing bead
FIXED FRAME 15mm (9/16") leg interior glazing bead
WINDOW/DOOR open in interior glazing bead
WINDOW/DOOR open out interior glazing bead
WINDOW/DOOR open in exterior glazing bead
WINDOW/DOOR open out exterior glazing bead

P2696 square glazing bead

FIXED FRAME 20mm (13/16") leg interior glazing bead
FIXED FRAME 15mm (9/16") leg interior glazing bead
WINDOW/DOOR open in interior glazing bead
WINDOW/DOOR open out interior glazing bead
WINDOW/DOOR open in exterior glazing bead
WINDOW/DOOR open out exterior glazing bead

P2629 sloped glazing bead

FIXED FRAME 20mm (13/16") leg interior glazing bead
FIXED FRAME 15mm (9/16") leg interior glazing bead
WINDOW/DOOR open in interior glazing bead
WINDOW/DOOR open out interior glazing bead
WINDOW/DOOR open out exterior glazing bead

P2015 square glazing bead

FIXED FRAME 20mm (13/16") leg interior glazing bead
FIXED FRAME 15mm (9/16") leg interior glazing bead
WINDOW/DOOR open in interior glazing bead
WINDOW/DOOR open out interior glazing bead
WINDOW/DOOR open in exterior glazing bead
WINDOW/DOOR open out exterior glazing bead

P2638 P2638 L glazing bead

FIXED FRAME 20mm (13/16") leg interior glazing bead
FIXED FRAME 15mm (9/16") leg interior glazing bead
WINDOW/DOOR open in interior glazing bead
WINDOW/DOOR open out interior glazing bead
WINDOW/DOOR open in exterior glazing bead
WINDOW/DOOR open out exterior glazing bead

P2028 gothic glazing bead

FIXED FRAME 20mm (13/16") leg interior glazing bead
FIXED FRAME 15mm (9/16") leg interior glazing bead
WINDOW/DOOR open in interior glazing bead
WINDOW/DOOR open out interior glazing bead
WINDOW/DOOR open out exterior glazing bead

P2038 P2638 - 20mm
P2638 - 15mm
aluminum available for GALVANIZED STEEL POWDER COATED

PA.2607 square glazing bead

FIXED FRAME 20mm (13/16") leg interior glazing bead

PA.2608 square glazing bead

FIXED FRAME 20mm (13/16") leg interior glazing bead

PA.2629 sloped glazing bead

FIXED FRAME 20mm (13/16") leg interior glazing bead

PA.2640 square glazing bead

FIXED FRAME 20mm (13/16") leg interior glazing bead

PA.2641 square glazing bead

FIXED FRAME 20mm (13/16") leg interior glazing bead
metal available in GALVANIZED STEEL - CORTEN STEEL - STAINLESS STEEL - BRASS

FLAT SDL AVAILABLE FOR:
- P.2607
- P.2606
- P.2629
- P.2028
- P.2055
- P.2038
- P.2036

SLOPED SDL AVAILABLE FOR:
- P.2629

GOTHIC SDL AVAILABLE FOR:
- P.2028

TUBE SDL AVAILABLE FOR:
- P.2607
- P.2606

aluminum available for GALVANIZED STEEL POWDER COATED

SLOPED SDL AVAILABLE FOR:
- P.2629

TUBE SDL AVAILABLE FOR:
- P.2608
- P.2607
- P.2640
- P.2038
- P.2638

STANDARD FLAT SDL
THINNER FLAT SDL

STANDARD SLOPED SDL
THINNER SLOPED SDL

STANDARD GOOTHIC SDL

STANDARD TUBE SDL
THINNER TUBE SDL

STANDARD TUBE SDL THINNER TUBE SDL

metal available in
- GALVANIZED STEEL
- CORTEN STEEL
- STAINLESS STEEL
- BRASS

aluminum available for
- GALVANIZED STEEL POWDER COATED
wood option

AVAILABLE ONLY FOR OUTSWING OPTION WITH EXTERIOR GLAZING BEAD.
Any wood species available.

OS2 - 65
OS2 - 77
LUXURY LINE
Available in galvanized steel, stainless steel, CorTen, bronze metals.

HINGE:
Mechanically fastened fully adjustable hinges (vertical and horizontal).

GLAZING BEAD:
Welded galvanized steel, stainless steel, bronze and CorTen glazing beads (square, sloped, L, gothic).

THERMALLY BROKEN:
Masking off of thermal break prior to finishing.

OTHER:
Grinding smooth of all welds and frame surfaces.

ESSENTIALS LINE
Available only in galvanized steel.

HINGE:
Welded to frame hinges (only vertical adjustment).

GLAZING BEAD:
Welded aluminum square, L or sloped glazing beads.

THERMALLY BROKEN:
Complete painting of thermal break.

OTHER:
Slightly less grinding of the frame and welds prior to finishing.
Doors and windows have a very complex role: on one hand they define the design of a building, on the other they separate the internal and external environment. In line with sustainable architecture requirements, they have to guarantee the highest standards of energy saving, maximum comfort, acoustic performance, maximum resistance to weather agents, active and passive safety and low maintenance costs. EBE 65 is the technological answer to the ever demanding building performance requirements. The innovative technological solution, known as "thermal break" that is made of polyamide and polyurethane, allows for highly structural profiles with low visual impact. Moreover, the four materials used – galvanized steel, stainless steel, corten steel and brass – can be combined to taste for the internal and external part of the profile. EBE 65 system meets the most demanding requirements while offering, at the same time, different design solutions. This is possible thanks to its performance features, its wide choice of opening systems and its complete set of system accessories.
EBE 65

- Glazing bead
- Maximum glazing pocket of 47mm (1 7/8”)
- Fitting groove for hardware
- Flush on the exterior and rebated on the interior
- Frame with weep system and triple gasket
- Structural thermal break in polyamide and polyurethane

EBE 65 configurations

- **Fixed window**

- **Single casement, French casement, Awning, Hopper, Pivot**

- **Hinged Doors**
  - Including single and French Pivot Doors

- **Bi-fold Doors**
  - Lift and slide Doors

- **Arched top, Shaped and Curved units**

- **Composite units and Corner configurations for unobstructed views**
metal
available in
GALVANIZED STEEL - CORTEN STEEL - STAINLESS STEEL - BRASS

P1007
square glazing bead

P2097
square glazing bead

P2028
gothic glazing bead

P2038
L glazing bead

P2029 - CUSTOM
sloped glazing bead

EBE 65 - glazing bead

Systems
metal available in GALVANIZED STEEL - CORTEN STEEL - STAINLESS STEEL - BRASS

P.2015 square glazing bead

aluminum available for GALVANIZED STEEL POWDER COATED

PA.2038 L glazing bead

PA.2029 sloped glazing bead

aluminum available for GALVANIZED STEEL POWDER COATED

PA.2007 standard square SDL available for:

PA.2029 standard sloped SDL available for:

metal available in GALVANIZED STEEL - CORTEN STEEL - STAINLESS STEEL - BRASS

P.2038 P.2007 P.2029 P.2015

FLAT SDL AVAILABLE FOR:

PA.2038 PA.2007

SLOPED SDL AVAILABLE FOR:

P.2029 CUSTOM

GOTHIC SDL AVAILABLE FOR:

P.2028

STANDARD SQUARE SDL AVAILABLE FOR:

P.2006 P.1007

STANDARD TUBE SDL AVAILABLE FOR:

P.2007

Standards
EBE 73 configurations

Fixed window

Single casement, French casement, Awning, Hopper, Pivot

Hinged Doors including single and French Pivot Doors

Bi-fold Doors Lift and slide Doors

Arched top, Shaped and Curved units

Composite units and Corner configurations for unobstructed views

Profiles

EBE 73 - section

- glazing bead
- maximum glazing pocket of 46mm (1 13/16”)
- fitting groove for hardware
- flash on the exterior and interior
- frame with weep system and triple gasket
- structural thermal break in polyamide and polyurethane

Systems
**EBE 75 - glazing bead**

**P1007**
- Square glazing bead
- **Available in**: Galvanized Steel - Corten Steel - Stainless Steel - Brass

**P2629 - CUSTOM**
- Sloped glazing bead

**P2007**
- Square glazing bead

**P2028**
- Gothic glazing bead

**P2008**
- Square glazing bead

**P2638**
- L glazing bead

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**Systems**
metal available in GALVANIZED STEEL - CORTEN STEEL - STAINLESS STEEL - BRASS

P2015 square glazing bead

metal available in GALVANIZED STEEL - CORTEN STEEL - STAINLESS STEEL - BRASS

FLAT SDL AVAILABLE FOR:
- STANDARD FLAT SDL
- THINNER FLAT SDL

SLOPED SDL AVAILABLE FOR:
- STANDARD STEEL SLOPED SDL
- THINNER STEEL SLOPED SDL

GOTHIC SDL AVAILABLE FOR:
- STANDARD "GOTHIC" SDL

aluminum available for GALVANIZED STEEL POWDER COATED

PA 2038 L glazing bead

aluminum available for GALVANIZED STEEL POWDER COATED

STANDARD SQUARE SDL AVAILABLE FOR:
- STANDARD SQUARE SDL
- THINNER SQUARE SDL

STANDARD TUBE SDL AVAILABLE FOR:
- STANDARD TUBE SDL

aluminum available for GALVANIZED STEEL POWDER COATED

STANDARD SLOPED SDL AVAILABLE FOR:
- STANDARD SLOPED SDL
- THINNER SLOPED SDL

metal available in GALVANIZED STEEL - CORTEN STEEL - STAINLESS STEEL - BRASS

PA.2038

GALVANIZED STEEL - CORTEN STEEL - STAINLESS STEEL - BRASS

FIXED FRAME interior glazing bead

WINDOW open in interior glazing bead

DOOR open out interior glazing bead

WINDOW open out interior glazing bead

FIXED FRAME interior glazing bead

WINDOW open in interior glazing bead

DOOR open out interior glazing bead

WINDOW open out interior glazing bead

aluminum available for GALVANIZED STEEL POWDER COATED

PA 2038 L glazing bead

aluminum available for GALVANIZED STEEL POWDER COATED

PA 2029 sloped glazing bead

aluminum available for GALVANIZED STEEL POWDER COATED

PA 2029 sloped glazing bead

aluminum available for GALVANIZED STEEL POWDER COATED

PA 2029 sloped glazing bead

aluminum available for GALVANIZED STEEL POWDER COATED

PA 2029 sloped glazing bead
EBE 85 - section

EBE 85 configurations

**Profiles**

- Glazing bead
- Maximum glazing pocket of 67mm (2 5/8”)
- Fitting groove for hardware
- Flash on the exterior and rebated on the interior
- Frame with weep system and triple gasket
- Structural thermal break in polyamide and polyurethane

**Systems**

- **Fixed window**
- Single casement, French casement, Awning, Hopper, Pivot
- **Hinged Doors** including single and French Pivot Doors
- **Bi-fold Doors** Lift and slide Doors
- **Arched top, Shaped and Curved units**
- **Composite units and Corner configurations for unobstructed views**
metal available in GALVANIZED STEEL - CORTEN STEEL - STAINLESS STEEL - BRASS

P1007 square glazing bead

P2007 square glazing bead

P2008 square glazing bead

P2629 - CUSTOM sloped glazing bead

P2028 gothic glazing bead

P2638 L glazing bead

metal available in GALVANIZED STEEL - CORTEN STEEL - STAINLESS STEEL - BRASS

Systems
metal available in GALVANIZED STEEL - CORTEN STEEL - STAINLESS STEEL - BRASS

**P.2015**
Square glazing bead

**P.2038**
L glazing bead

**P.2029**
sloped glazing bead

aluminum available for GALVANIZED STEEL POWDER COATED

**P.2629**
custom metal

Systems
EBE STYLE
available in brass only

- glazing bead
- maximum glazing pocket of 32mm (1 1/4")
- fitting groove for hardware
- flush on the exterior and rebated on the interior
- frame with weep system and triple gasket
- structural thermal break in polyamide and polyurethane

profiles
PBE 001, PBE 004, PBE 011, PBE 012, PBE 013, PBE 021, PBE 233, PBE 201, PBE 204, PBE 221, PBE 222, PBE 220

glazing bead

Systems

Fixed window

Single casement, French casement, Awning, Hopper, Pivot

Hinged Doors
including single and French Pivot Doors

Arched top,
Shaped and Curved units

Composite units and Corner configurations for unobstructed views
EBE METAL WOOD configurations

Fixed window

Single casement, French casement, Awning, Hopper, Pivot

Hinged Doors including single and French Pivot Doors

Bi-fold Doors Lift and slide Doors

Arched top, Shaped and Curved units

Composite units and Corner configurations for unobstructed views
The steel curtain wall by our profile system guarantees full compatibility and integration with the architectural design. This solution combines slim profiles, large glass surfaces and a wide range of openings in an integrated door-window facade system that features structural performance levels three times higher than aluminium and excellent resistance. In order to meet the current technical and technological needs of the building envelope, our profile system leads the entire product design and manufacturing process to offer a complete and rigorous certification based on the transparency of data, thanks to the expertise acquired in the development of galvanized steel, stainless steel, Corten steel and brass windows and doors.

The synergy between industrial technology and craftsmanship ensures living comfort and superior performance.
mullion/transom profiles in 5 finishes
maximum glazing pocket of 56mm (2 3/16")
sealing and water draining gaskets system
extruded polyethylene foam for greater technical performance
pre-drilled hold-down device for easy installation
cover profile in 7 finishes

4F1 materials available

material for transom and mullions
- galvanized steel
- stainless steel
- corten steel
- brass

material for covers
- galvanized steel
- stainless steel
- corten steel
4F2 mullion/transom profiles in 5 finishes
- maximum glazing pocket of 56mm (2 3/16")
- sealing and water draining gaskets system
- extruded polyethylene foam for greater technical performance
- pre-drilled hold-down device for easy installation
- cover profile in 7 finishes

4F2 materials available and application options

**Material for covers**
- galvanized steel
- stainless steel
- corten steel
- brass

**Application options**
- IPE welded beam
- rectangular pipe
- customized welded girder
- wooden girder
CLASSIC / TRADITIONAL architecture

Discover freedom to create.

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