

Windows

door to european
quality



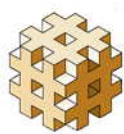
catalogue



SIALLWOOD (Italy). This factory is based in Salerno, the region where the best-known aluminium and wood manufacturers of high-tech design are concentrated. SiallWood is the leader in design and technical innovation for composite doors and windows in Italy. Recognition of their high quality products and services has enabled SiallWood to establish an enormous network of independent dealers with very efficient support for clients.



ALFA LUM (San Marino) the San Marino factory, manufactures doors and windows. The factory's products are popular all over the world among builders, architects and sole customers who appreciate quality and understand prices. Quality is not only a feature but a necessity, when keeping your home warm, comfortable and safe. Doors and windows manufactured on Alfa Lum are intended to satisfy everyone's taste. The factory offers a wide range of aluminum and aluminium-timber doors and windows in various colours, with superb finishes. Every order is custom made and guarantees safety, quality and high standards of excellence and service.



MONTIRONI CORNICI (Italy) specialises in production of timber essentials. Starting with making handicrafts the company has grown and, nowadays, can produce any type of wood profile. The wood mainly comes from the American forests. The products are available in maple, ash, chestnut, cherry, walnut, beech-trees, oak, pine etc. Long experience in the market, deep knowledge of materials, wood treatments and manpower, continuous investments in technological processes, together with the professionalism of its members enables Montironi Cornici to produce custom made high quality timber products.



BONACCI & VEROLI (Italy) always has been known for its innovative approach in manufacturing its doors and windows, finding new ways to increase customers' satisfaction. This factory has been producing windows for more than 20 years. Its tremendous experience, up-to-date technological innovations and loyal customers allow to produce the real masterpieces of elegance, beauty, practicality and tradition.



GRUPPO PROFILATI (Italy) For over 20 years Gruppo Profilati has been successfully producing extruded aluminium profiles and releasing aluminium window and door frame systems. Design creativity, constantly improving technology, the research strategy and management concerned with the market demand for quality have allowed this company to achieve enhanced production flexibility, designed to satisfy every customer's taste.

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SiallWood differs from many others on the path to technological advance, in the belief that traditional features, which add elegance and charm, should not be forgotten. Common concerns about high maintenance costs for timber fittings means that the choice of having such quality features at home is becoming a luxury.

As a leader in design, SiallWood produces beautiful windows. Their unique combination of design and technology has produced an ingenious solution where customers can have doors and windows that look perfect and at the same time, require no maintenance. Slim frames of quality timber are cleverly combined with attractive aluminium frames in such a way that only the aluminium structure is exposed to weather conditions. Inside your room you see quality timber windows, from the outside - aluminium in any colour that best suits the exterior.

As a leader in technology, SiallWood understands the need for practical solutions and an innovative approach. Those who choose SiallWood windows and doors can be certain of comfort and safety in the home or office.

Siallwood (Italy)



S300 Bi-Function

Main Characteristics

- Cross section of the fixed frame 45.5 mm
- Cross section of the wing 70.2 mm
- Height of the glass seat 22 mm
- Thickness of glass pane 29 mm
- Aluminium and timber are connected by nylon clips
- Frame system has seals to isolate the lock from the support base.

Standard Fittings

Aluminium White 9010, White 1013, Green 6005, Brown 8017

Timber Rovere Naturale, Rovere Tinto Noce, Rovere Tinto Mogano

Glass double glazing

Accessories gold, silver, brass



Optional S300 Bi-Function

Colours by RAL

Timber Ciliegio, Toulipier Tinto Noce, Toulipier Tinto Ciliegio, Ramino Laccato Bianco, Ramino Grezzo

Tilt & Turn function - normal ventilation

Additional ventilational position

Rounded shape window



Tilt function - normal ventilation

Timber colors



Ciliegio



Rovere Naturale



Rovere Tinto Noce



Rovere
Tinto Mogano



Toulipier
Tinto Noce



Toulipier
Tinto Ciliegio



Ramino
Laccato Bianco



Ramino Grezzo

Distinctive Features

- Quality design
- Vast range
- No maintenance
- Durability
- Energy saving
- Superior performance
- Excellent insulation
- Resistant to mechanical strains
- Resistant to weathering
- Huge choice of colors
- Easy to assemble



Turn function

Technical Advantages



Sliding door



Sliding window

Unique Features

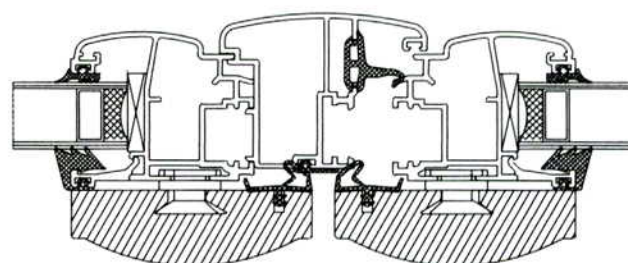
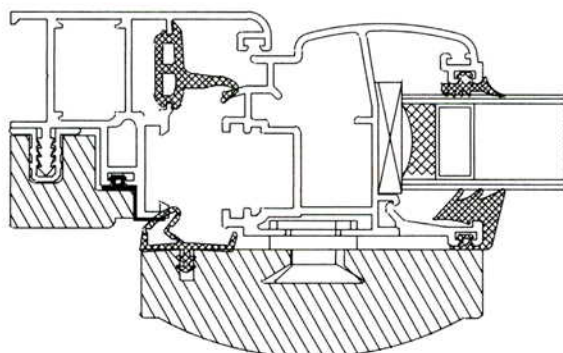
- Unique nylon clips to ensure that there is no contact between aluminium and timber frames
- Joints have air and water-resistant seals for thermal insulation by using special polyamide bars inserted in the aluminium.
- Maximum protection from an increase in moisture
- Multi-point locking system

The beauty of these features is that timber and aluminium frames are assembled without glue, screws or nails. Nylon clips can expand and contract significantly without creating any strain on the aluminium and timber frame. To protect wood, all accessories and hardware are installed into the resistant aluminium unit, leaving the timber free from mechanical strain.



Fire door

Entrance door





Alfa Lum combines state-of-the-art technology with the best window manufacturer's experience. It designs exclusive frames, combining the strength of aluminum with elegance of timber.

The business strategy of ALFA LUM:

- Finished product sales (assembled windows)
- License to use patent and know-how for assembling products (semi-finished product and components parts supply)
- Sales of ALFA LUM patented designs.

To be competitive on the world market with different climatic conditions and different building techniques, ALFA LUM has created its own innovative Research & Development centre.

Alfa Lum (San Marino)



System Features



Sliding system



Bi-folding system



Traditional system

The window and door system is designed to enhance the quality of materials used. The result is a product with the highest quality design and modern technical features:

- Materials used - aluminum and timber - are assembled using a patented system, and provide excellent stability to the frames.
- The aluminum/timber combination is enriched by special patented nylon clips, keeping both frames separate, to avoid contact because aluminium and timber react differently to the same climatic conditions.
- Exclusive, innovative, patented click-on aluminium glazing bead is used to fix the glass. Screws and nails are not required.
- This system ensures further timber isolation. Timber gets no stress from the outside, thus glass fixing and maintenance becomes much easier.
- Aluminium is passed through a special processing stage to remove its metal appearance.
- Flexible design allows these frames to be used for exterior and interior architectural creations.

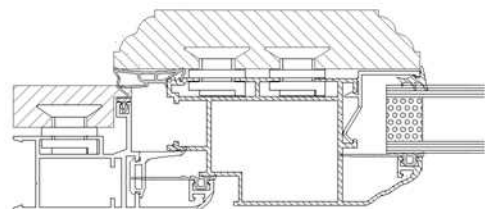
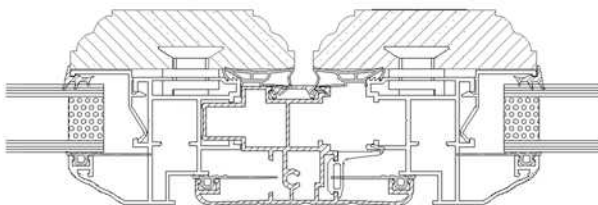


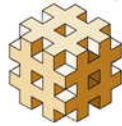
Window profile



Outward system

- External aluminium provides strength and toughness. Hardware and multi pointed dead-locks are installed on aluminium to ensure protection, reliability and safety.
- Solid timber (oak, cherry, maple) is on the interior part of the system being merely a decorative component. Timber is treated specially against moulds, insects, fungi and xylophages. Additional anti-yellowing finish allows timber to remain smooth with no paint damage after years of usage in different temperature and moisture conditions.
- Aluminium glazing bead is clicked onto the supporting structure leaving no connection between aluminium and timber components of the system. That prolongs the life of interior timber because it is not influenced by the outside weather conditions.
- The window frame is installed into the wall through a special profile, isolating the system from the wall.
- Water flow is directed into appropriate drains on the bottom rail of the frame by a wide outward leaning pre-chamber that allows direct glass ventilation.





Bonacci & Veroli was founded more than 20 years ago, and has now grown to be one of the most respected and experienced European manufacturers of architecturally designed windows.

Customer satisfaction is the company's main motto. It is the little things that make a house a home. That is why the company offers thousands of different sizes, shapes and styles of windows, each with that quality craftsmanship and elegant design which people always expect from Bonacci & Veroli.

The finest materials are used in window production. You can see it in warm wood interiors, in low-maintenance aluminum exteriors and in easy-to-clean glass. The company guarantees quality, durability and reliability of its products over time.

Bonaccini & Veroli (Italy)



F55€ Model

F55€ Windows

This traditional timber window is made from premium quality mahogany, carefully selected and kiln-dried. This material is then handcrafted into perfectly detailed products that, with time, become more handsome and valuable.

Technical characteristics of F55€ frames

- Modern system of seals
- Special double glazing
- Special draining system for perfect protection from heat, cold, wind, rain, noise and odors
- Specific hardware and safety glass
- Shutters and rolling shutters



Thermal insulation - resistance to air penetration



Water seal



Wind resistance



Noise resistance



Security

Product range

- Tilt & Turn windows
- Doors of different shapes such as : triangular , trapezoidal , round , with round or segmented arches.



Section of the Window



Section of the French Window
(Balcony)

Vertical Cross-Section

WING:

HEAD: 80 x 55mm

SILL: 80 x 55 mm

FRAME:

HEAD: 80 x 55 mm

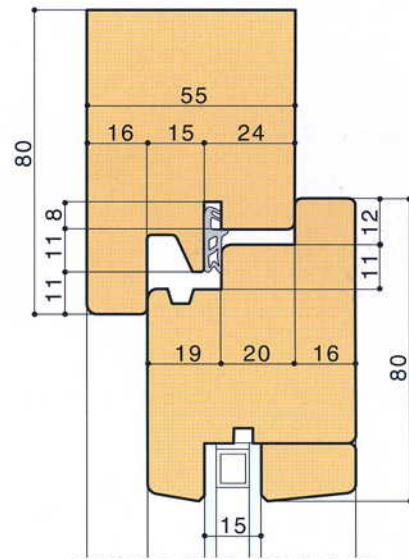
SILL: 70 x 55mm

Internal PROFILE of the WING HEADS designed for 15 mm thick double glazing with glazing bead placed on the inside part of the wing.

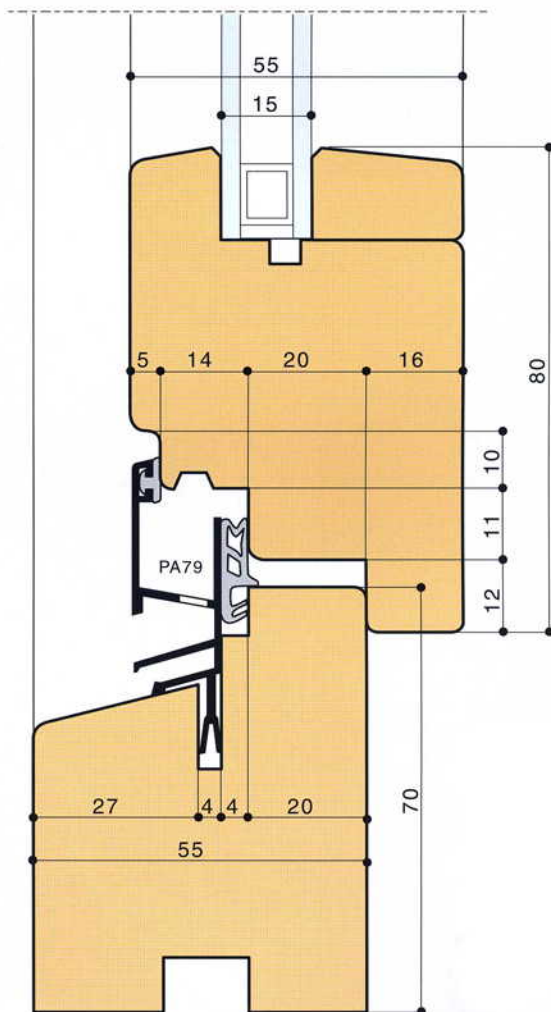
RABBETS:

UPPER SIDE: Double 11-12 mm rabbet

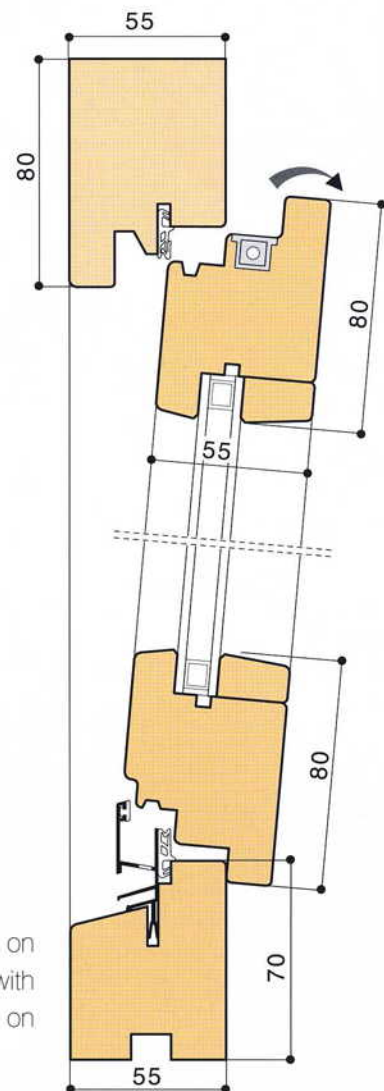
LOWER SIDE: Double 11-12 mm rabbet



Vertical cross-section
upper side



Vertical cross-section
lower side



Vertical cross-section

11-15mm rabbet on wing on 4 sides with channel for hardware on 3 sides.

Vertical Cross-Section for French Doors (Balcony)

WING:

HEAD: 80 x 55mm

TRANSOM: 80 x 55mm

SILL:

Made of two 80 x 55mm elements joined together by internal matching and sharp-edged at the joint: total size 160 x 55 mm

FRAME:

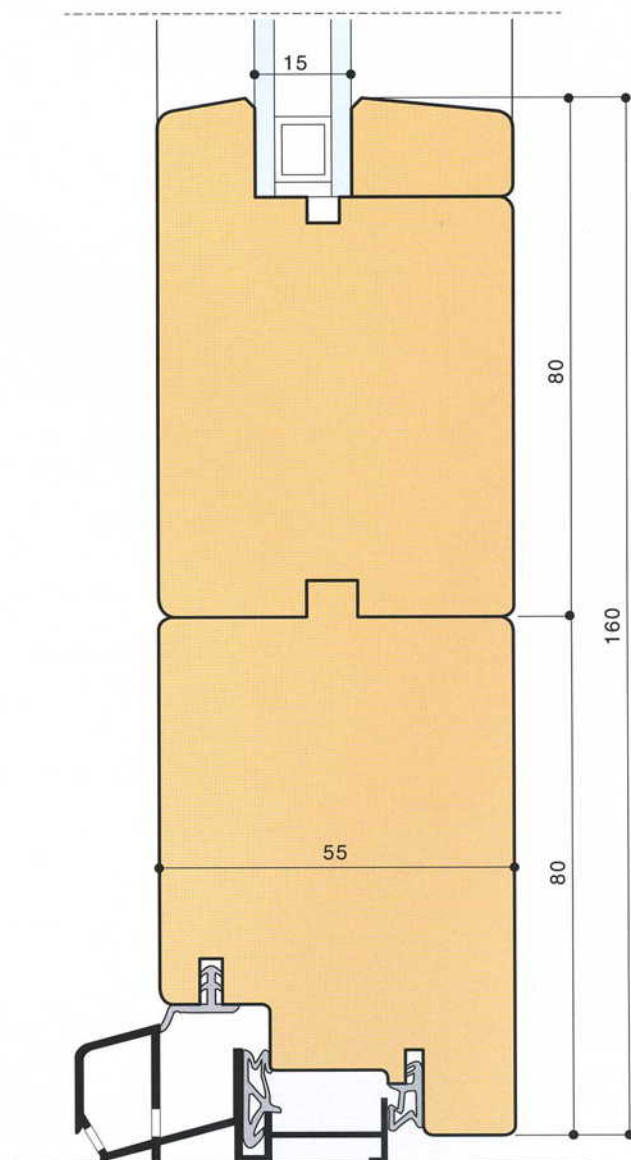
HEAD: 80 x 55 mm

Internal PROFILE of the WING HEADS designed for 15mm thick double glazing with glazing bead placed on the inside part of the wing.

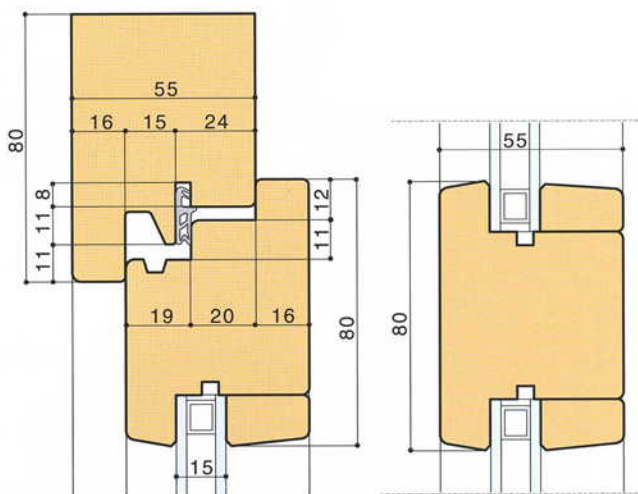
RABBETS:

UPPER SIDE: Double 11-12mm rabbet

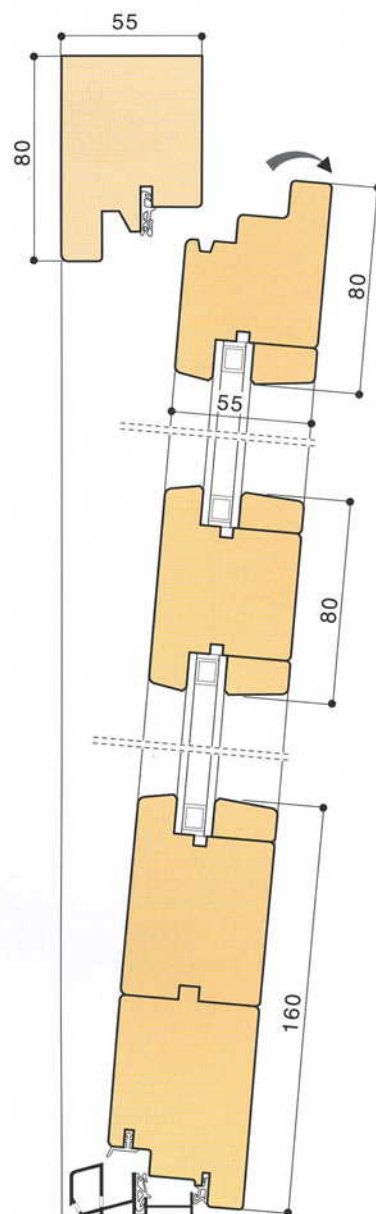
LOWER SIDE: Double 11-12 mm rabbet



Vertical cross-section
lower side



Vertical cross-section
upper side



Vertical cross-section
French Windows (Balcony)

Horizontal Cross-Section

WING:

JAMBS: 80x55mm

FRAME:

POSTS: 80 x 55mm

Internal PROFILE of the WING JAMBS designed for 15mm thick double glazing with glazing bead placed on the inside part of the wing.

RABBETS:

CLOSING SIDE: 1 WING - Double 11-15mm rabbet

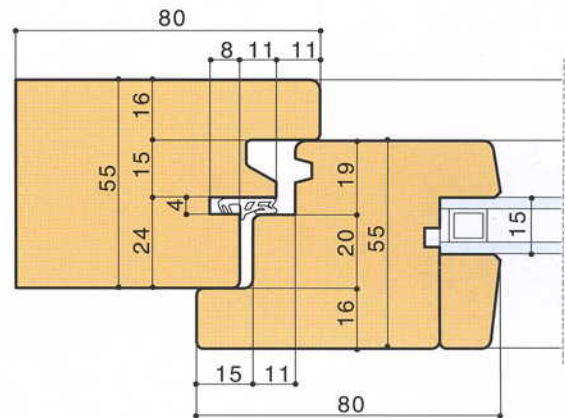
HINGE SIDE: 1-2-3-4 WINGS

Double 11-12 mm rabbet with expansion chamber

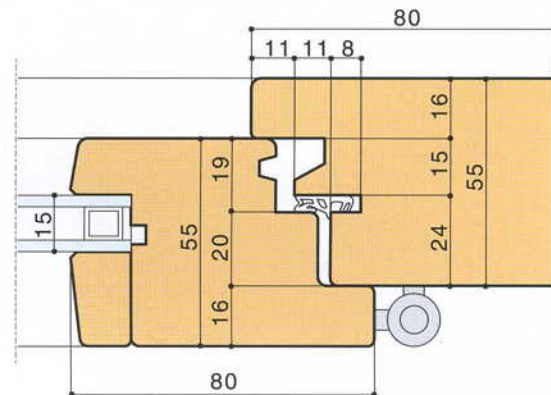
CENTRAL JOINT:

Closing side for windows and French windows with 2 or more wings.

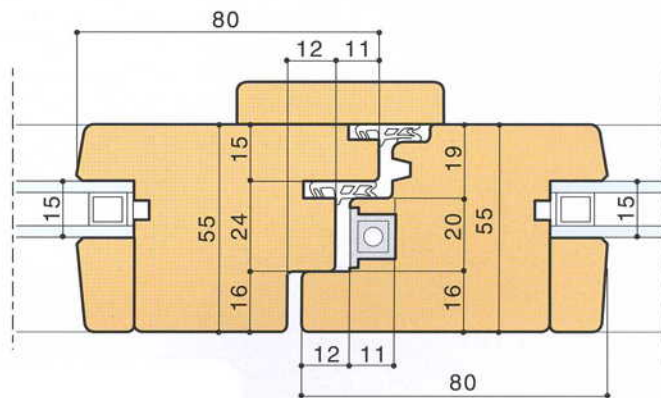
Double 11-12 mm rabbet.



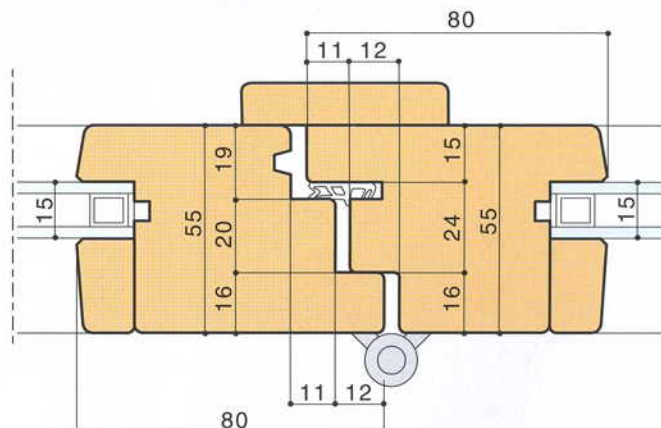
Horizontal cross-section closing side - 1 wing



Horizontal cross-section hinge side - 1-2-3-4 wings



Horizontal cross-section central joint



Horizontal cross-section joint between fixed wing and semi-fixed wing

Basic Model

Rabbets:

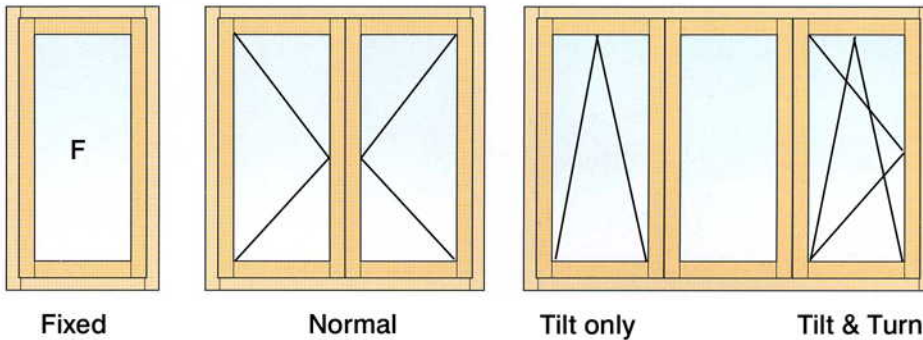
Upper side: double 11-12 mm rabbet

Lower side: double 11-12 mm rabbet

Hinge side: double 11-12 mm rabbet

Closing side for 1 wing: double 11-15 mm rabbet

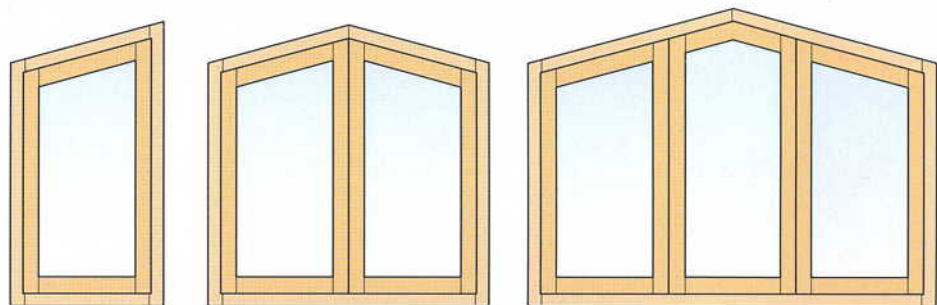
Closing side for 2 - 3 or more wings: double 11-12 mm rabbet



Model with 1 or More Slopes

Rabbets:

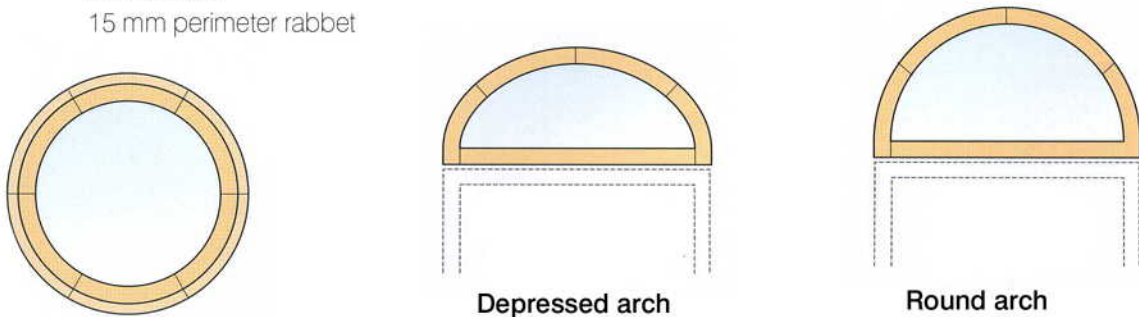
Double 11-12 mm perimeter rabbet
or 11-15mm as required



Bull's Eye Model

Rabbets:

15 mm perimeter rabbet



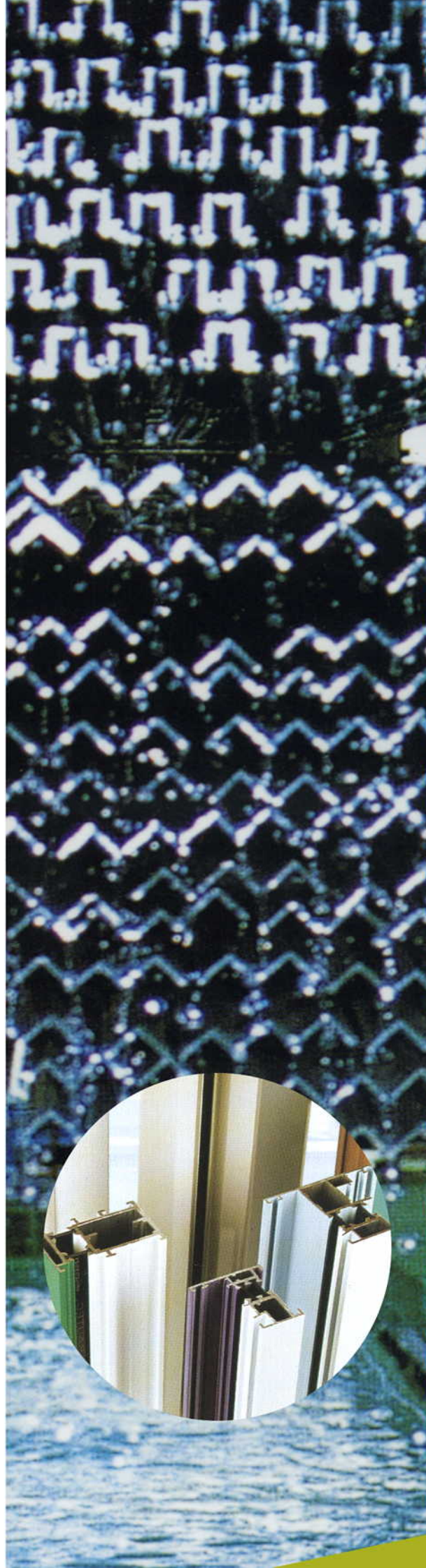
Montironi  Cornici

Montironi Cornici uses only exclusive materials for production, by constantly searching for the best forest products. The wood the factory uses mainly comes from the American forests. Value and quality are guaranteed. Products are available in different types of wood; maple, ash, chestnut, cherry, walnut, beech-tree, oak and pine.



Gruppo Profilati produces a variety of aluminium profiles and frames. Gruppo Profilati's Quality Control Department is the place where all the factory's projects are brought to perfection by building models, completing functional tests (air/water/wind-resistance) and providing samples to certify the performance. Then such samples are taken to the internationally recognized laboratories to get worldwide certification, where necessary. The company's Testing Workshop operated by the Quality Control Department is always open for clients, to provide appropriate training and information across the whole range of products.

Materials



Montironi Cornici

Products

Montironi Cornici gives a shape to your ideas. Its products are manufactured from raw materials which are carefully selected and directly imported from the producing countries.

The range of the products varies from furniture frames to locking elements. The most significant strength of the factory is constant production development. The production process is well organized and has several checking profile systems. The customer gets the best, unique one-off creation.

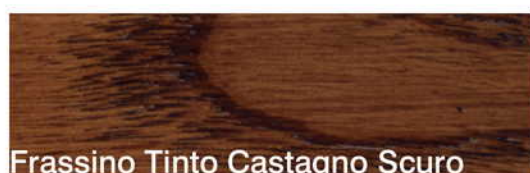
Production Process

The factory uses modern machinery in its production, combining distinctive traditions of handicraft with the newest technologies.

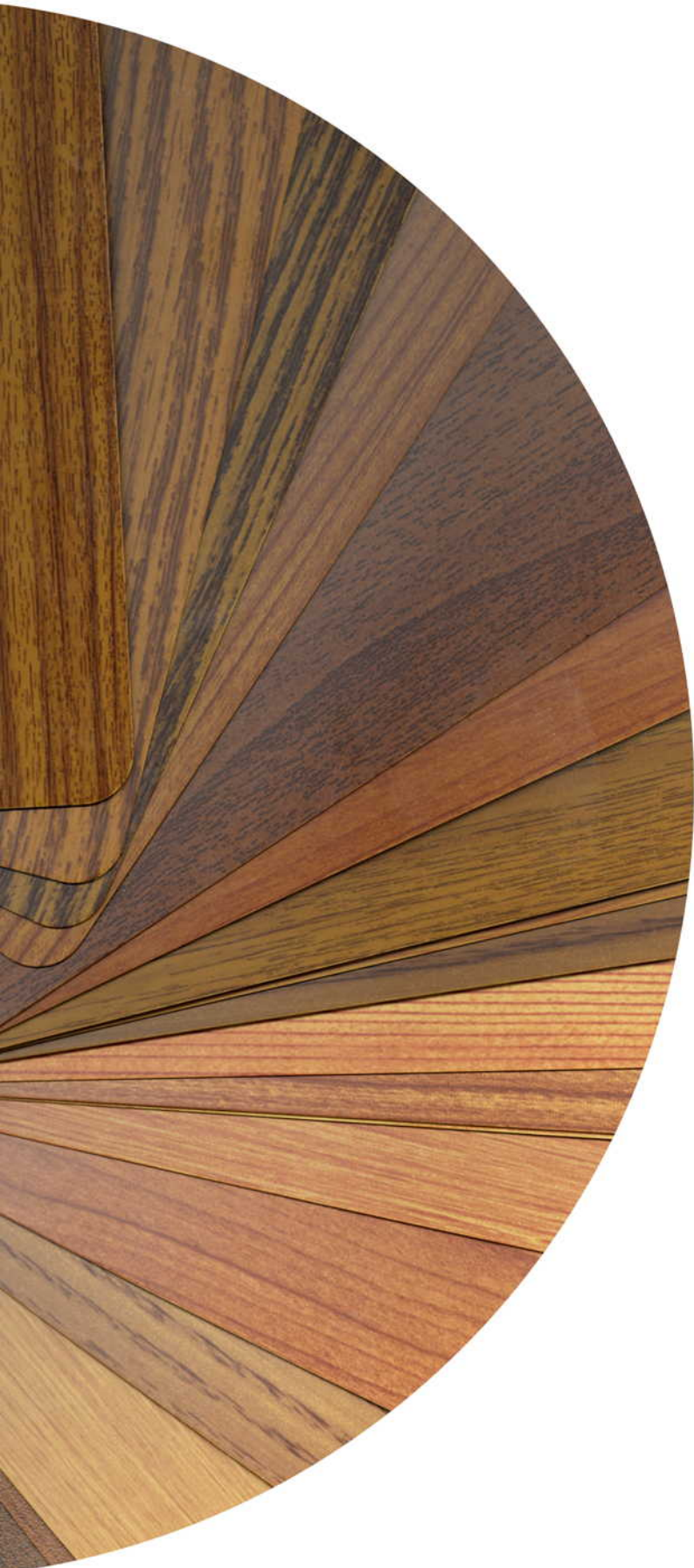
The production process guarantees the highest quality, by careful selection of raw materials. Brightness and temperature control are carefully monitored.



Standard Montironi Cornici Colors



Gruppo Profilati



Profiles and Extrusion

The most sophisticated and reliable machinery allows extruding the profiles about 0.08 kg/m in weight and 10 - 250mm in width. Raw materials and alloys A.A. 6060 – 6005 – 6082, are used after careful control when they meet the requirements of company quality standards.

Process, Products and Services

All production stages are monitored by sophisticated control panels. Together with highly qualified staff, they increase the quality levels of the following product lines – industrial profiles, building profiles and mechanical processing, according to the quality standards allowances UNI EN ISO 9002/94.

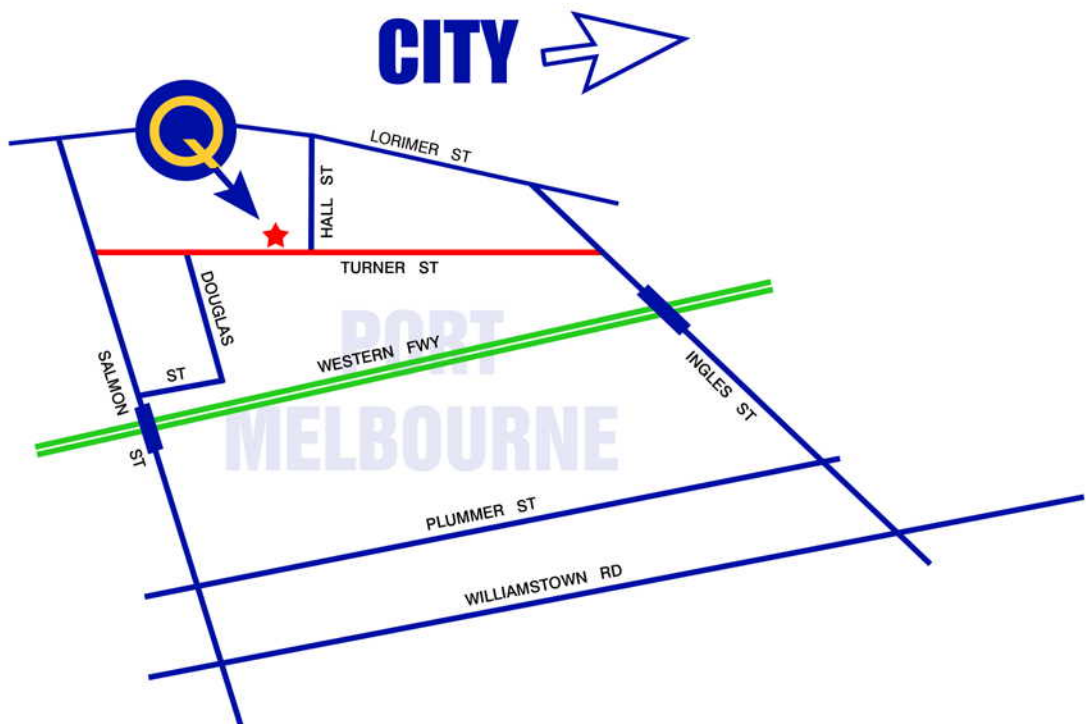
Warehouse and Logistics

According to the customer's requirements, special attention is paid to profiles' assembling with thermal break and packaging. This ensures the best protection against weather corrosion, and also enables better parts mobility in the final product. Moreover, the factory have allocated about 3,000 m² for the storeroom, to guarantee a proper storage for building systems and aluminium profiles where more than 2,000 articles are packed on special shelves. That gives an advantage for the customers who can store their goods at the factory for several days if the delivery is unexpectedly delayed.

Certification

Gruppo Profilati's products have achieved certification with ISO 9002 (European Standard Organisation). This became possible only due to highly experienced wise management, qualified staff and constant quality control.

For your notes:





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