

product_profile

UNIFORM

Born to protect the wooden window
Evolved to improve all windows in the world

More than 30 years ago, **Uniform** brought the wood-aluminium window to Italy, launching the first production of aluminium and bronze covers to protect wooden window frame (**uni_cover** systems).

Over time, the uni_cover proposal evolved and alongside it **uni_one** production technology was created.

The revolutionary uni_one system is based on the supply of both the aluminium and wood parts supplied in semi-finished 6 meters lamellar bars, already unframed and fitted with a surface finish, ready to be cut and assembled by the window frame manufacturer. This industrial production model is inspired by the typical PVC or aluminium window and door manufacturers, opening up a new horizon of comparison and new market opportunities. In addition, the uni_one production programme offers software for developing offers and orders, an efficient machining centre, materials and accessories for window frame assembly, technical assistance and sales support. With this production technology it is possible to produce not only the basic range of windows and doors, but also **magis40**, the first extreme wood-aluminium and passive window.

Lastly, the Uniform proposal is completed with a series of synergetic products such as aluminium shutters, solid shutters, gratings and sunshades (**uni_shade** range), laminated oak curtain walls (**uni_therm**), entrance doors (**uni_door**) and all the accessories required for window assembly (**uni_parts**).

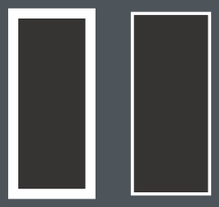
WE ARE THE VISION

BEFORE THE WINDOWS



uni_cover

wood-aluminium and
wood-bronze doors
and windows systems



uni_one

complete system
for wood-aluminium
doors and windows

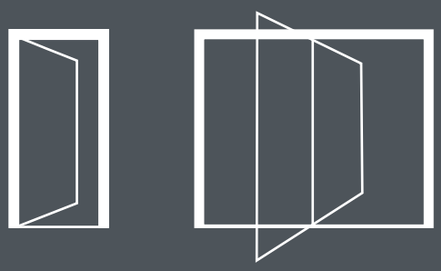
magis40

wood-aluminium
minimal window



uni_shade

shading systems:
shutters, blind shades,
sunscreen grids and
brise-soleil



uni_door

aluminium or
aluminium-wood
entrance doors



uni_therm

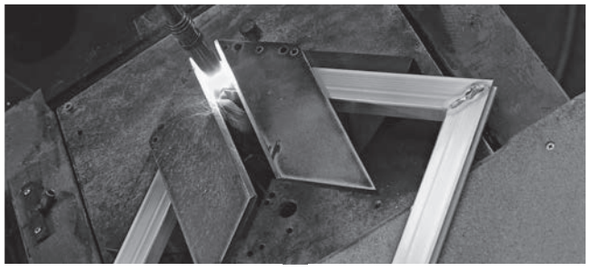
glue-lam oak
curtain wall



uni_parts

drip bars, thresholds,
gaskets and fittings

How we machine aluminium



WELDING

- The welding of the corners of aluminium products (covers, shutters and solid shutters) is carried out before painting in order to guarantee maximum strength, non-deformability over time, resistance and perfect aesthetics.
- On request, in areas with an aggressive atmosphere, welding can be performed with a special technology that further counteracts corrosion.





MECHANICAL ASSEMBLY

- In mechanical assembly, the profiles cut to size are assembled by means of caulked aluminium brackets.
- Mechanical corner assembly is mandatory in the case of oxidised, decorated wood and metal finishes.
- In addition to the traditional 45° assembly for the QUADRA and PLANA systems of the 5000/S uni_cover range and for the uni_one STANDARD system, a 90° aluminium joint is possible.





PAINTING

- In-house painting plant guaranteeing quality, fast service and a wide range of finishes (also available in class 2).
- By default, pre-treatment and painting are carried out according to QUALICOAT SEASIDE guidelines at no additional charge.
- Daily execution of accelerated ageing, mechanical and corrosion resistance tests on painted items.

QUALICOAT
SEASIDE
Licence nº 762

uni_**cover**



Aluminium covers for the external protection of wooden frames that can be ordered in customised covers and/or bars. The covers are available in two solutions:

- solution with welded corners (RAL finish)
- solution with mechanically assembled corners



5000/S RANGE



- The wide range of profiles in the 5000/S family meets every construction requirement, combining modern design and tradition.
- An innovative range of accessories and seals also allows the aluminium frames to be assembled on wood without the use of screws.
- This not only saves a considerable amount of time, but also eliminates any risk of error in the positioning of the clips.

EASY RANGE



- The Easy system range boasts an innovative frame that eliminates the need for an external gasket, ensuring a perfect watertight seal and reducing production costs.
- With its design, it is ideal for cladding classic and contemporary window frames.
- Easy systems can be used with 80mm and 70mm door sections.
- The range has been expanded with the new Easy-Flex systems, which feature more compact profile sizes that can significantly reduce the cost of cladding.

MINIMAL RANGE



- Minimal systems simplify production and optimise profile stock.
- With a set of only 5 aluminium profiles coupled with 90° cuts, the main types and combinations are handled through direct joints, screw couplings and dedicated terminals.

IV-RESTYLE RANGE



- Harmonious design and rounded lines.
- IV systems make it possible to unify the production of the wood part, producing a single type of window frame for the wood and wood-aluminium version.

HS RANGE

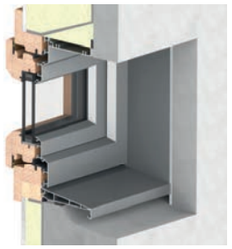


- Wide range of lift & slide fittings that allow the most popular brands of hardware to be applied.
- HS-Slim80 and HS-Duo80 systems, with or without threshold kit.

COMPLEMENTARY ITEMS



Glass Juliet balcony



Perimeter reveal flushing + Monoblock



Panels for doors



Standard sash machining



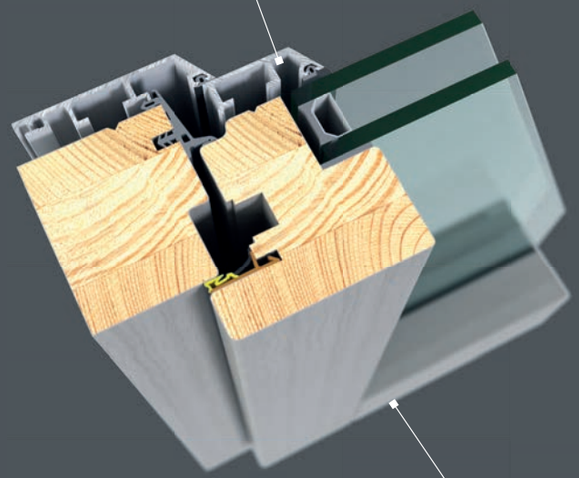
Georgian bars

uni_one

The first industrialised system for the production of wood-aluminium window frames starting from 6-metre wooden bars from FSC®-certified forests.

PEFC
PEFC/18-31-1409

FSC
www.fsc.org
FSC® C125998







uni_one technology enables the production of a wood-aluminium window frame quickly and with reduced investment.

SAVE **TIME**

SAVE **SPACE**

No painting plant

Technical and marketing support

Zero tools: the turnkey workshop

uni_one cascading certified windows



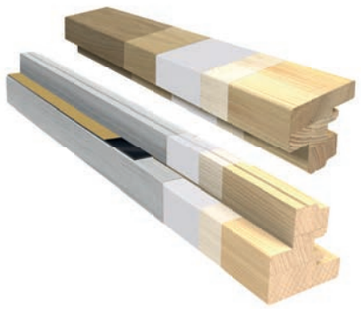
PRO-F2 SOFTWARE

Thanks to the Pro-F2 software, orders are developed and transferred to the cutting machine for the optimised cutting of wooden bars. An intuitive software for the development of offers and orders that also provides for the compilation of all CE marking documentation.



MC-900 CNC MACHINING CENTRE

CNC machining centre with connection to dedicated software to perform all uni_one wooden profile machining.



6 meters bars already profiled and enhanced with finishes from the Icona or Natura collection, the wood is ready to be cut and assembled.



THE START-UP FORMULA

Provision of pre-assembled wooden frames and rental order development software.
It is designed to offer technical-productive support in the early stages of production start-up.

magis**40**

The minimal version of uni_one
with an exposed section
of the wooden door of **only 4 cm**.



- WALL FLUSH INSTALLATION
- EXCELLENT THERMAL-ACOUSTIC PERFORMANCE
- PASSIVE WINDOW
- AVAILABLE IN DOUBLE AND TRIPLE GLAZING
- AVAILABLE WITH HINGED AND LIFT & SLIDE OPENING



magis**40**



Thermal insulation		Uw= 1,1 W/m²K
Insulating glass		Double glazing thickness 33mm

Thermal insulation		Uw= 0,71 W/m²K
Insulating glass		Triple glazing thickness 48mm

Thermal insulation		Uw= 0,99 W/m²K
Insulating glass		Triple glazing thickness 48mm

CERTIFICATION:
WARM, TEMPERATE CLIMATE

Component-ID: **1573wi04**

Passive House Institute
Dr.Wolfgang Feist,
64283 Darmstadt, Germany

Acoustic insulation		Rw up to 43 dB

HS-magis**40**



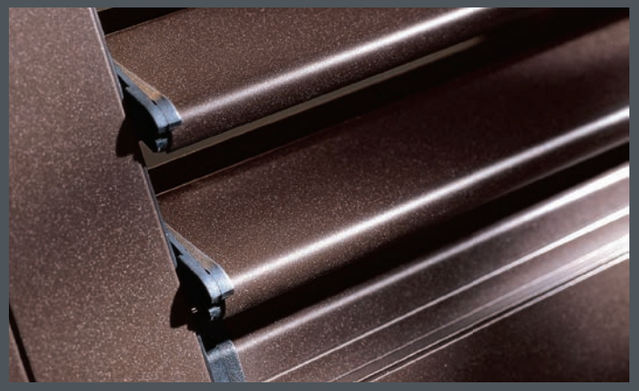
Thermal insulation		Uw= 1,3 W/m²K
Insulating glass		Double glazing thickness 32mm

Thermal insulation		Uw= 0,85 W/m²K
Insulating glass		Triple glazing thickness52mm

Acoustic insulation		Rw up to 38 dB

uni_**shade**

Shutters and solid shutters with welded or mechanically assembled corners available in different opening types.
The uni_shade line is completed with sunscreen grids and brise-soleil featuring aluminium slats for long-lasting durability.



ALUMINIUM SHUTTERS

45 mm with welded corners,
31 mm with corners assembled
with fixed or pivoting slats



SOLID SHUTTERS

45 mm with welded corners,
31 mm with fully insulated
assembled corners and
with 25 mm vertical slats

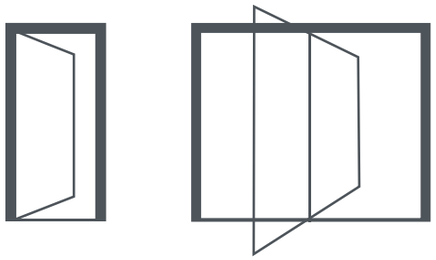
SUNSCREEN GRIDS AND BRISE-SOLEIL

70 mm X 17 mm
with or without inclination





uni_door



Aluminium or
aluminium-wood
entrance doors
with hinged opening
(or pivot available
with a maximum height
of 4 metres)

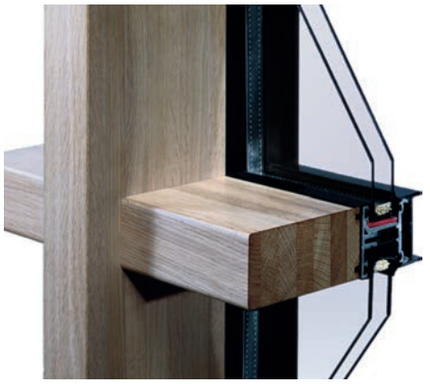




uni_**therm**



Curtain wall system with uprights and crosspieces in laminated wood and external cladding in aluminium, bronze or wood with high thermal and acoustic insulation performance.
Comfortable and versatile, they can be applied in different contexts: residential, executive, hospitality.

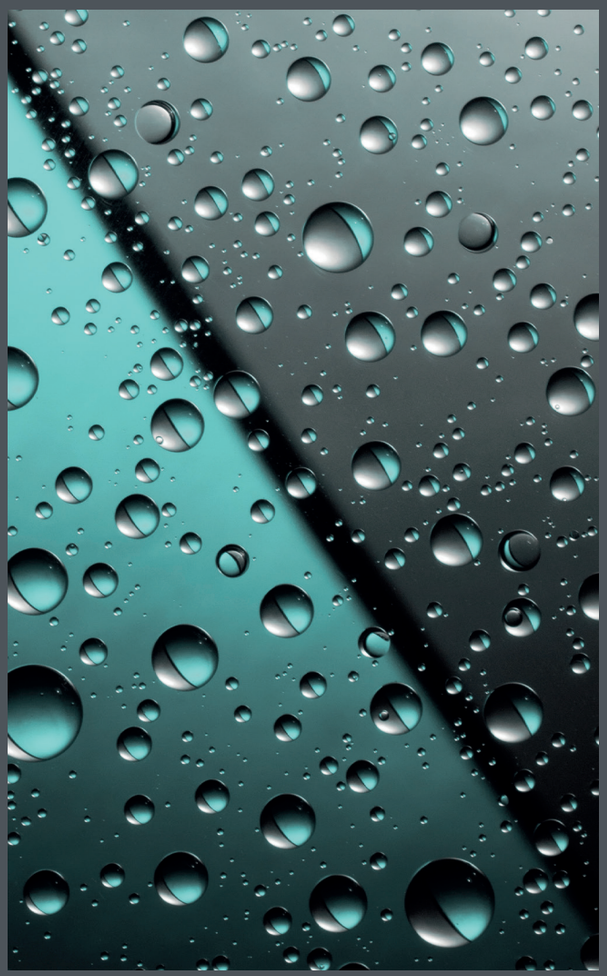




The lattice of uprights and crosspieces is assembled on site.
The front display of the structure is 50 mm.
Standard sections: 50x110, 50x135, 50x160, 50x200, 50x240, 50x260 mm.

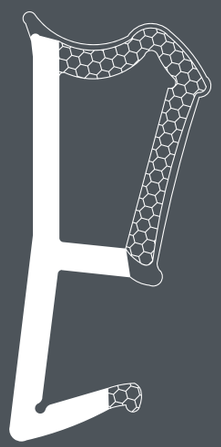
uni_parts

Drip bars, thresholds, gaskets and accessories.
A wide range of components for wood and
wood-aluminium windows and doors.





Drip bars



Gaskets



Thresholds

EN ed.06/2025 200-251_1 15 19 design&comunication

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