

aluwood.com.tr

ALUWOOD

WOOD ALUMINIUM

WINDOWS • DOORS • FACADES

Elevating Spaces with ALUWOOD Windows and Doors





Our Journey

For three decades, MEBAY has been a pioneer in WOOD-ALUMINUM COMPOSITE WINDOWS-DOORS SYSTEMS. Our hallmark, ALUWOOD, seamlessly blends the timeless beauty of wood with the strength of aluminum, reshaping spaces across the globe.

Discover the ALUWOOD Advantages

Aluwood's wood-aluminium window and door systems combine the beauty of wood with the advantages of aluminum. These systems offer elegance, minimal maintenance, and high quality.

Natural Aesthetics: ALUWOOD seamlessly integrates the warmth and aesthetics of wood into your environment. The natural grain patterns and textures create a welcoming atmosphere.

Superior Insulation: Wood provides excellent thermal insulation, keeping your interiors cozy. Additionally, the air-filled cells within wood prevent heat transfer, making ALUWOOD ideal for energy efficiency.

Sound Absorption: Wood absorbs sound, reducing echo and noise. Enjoy a quieter and more peaceful living or working space.

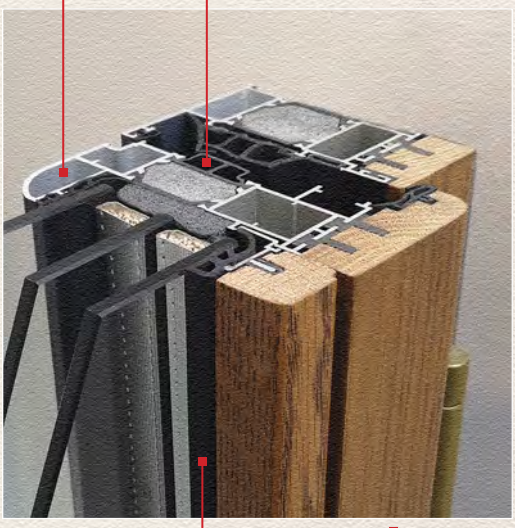
Durability: Aluminum, known for its longevity, ensures that ALUWOOD systems withstand the test of time. They resist natural elements and require minimal maintenance.

Eco-Friendly: Both wood and aluminum are sustainable materials. Wood captures greenhouse gases even after processing, while aluminum can be recycled multiple times without losing quality.



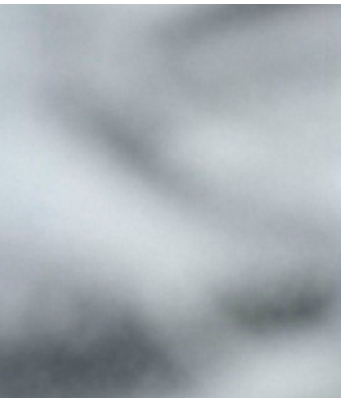
Aluminium profile (AA 6063 alloyed extrusion)

Polyamide warmth barrier



EPDM gasket (-70 ºC / +120 ºC warmth resistant)

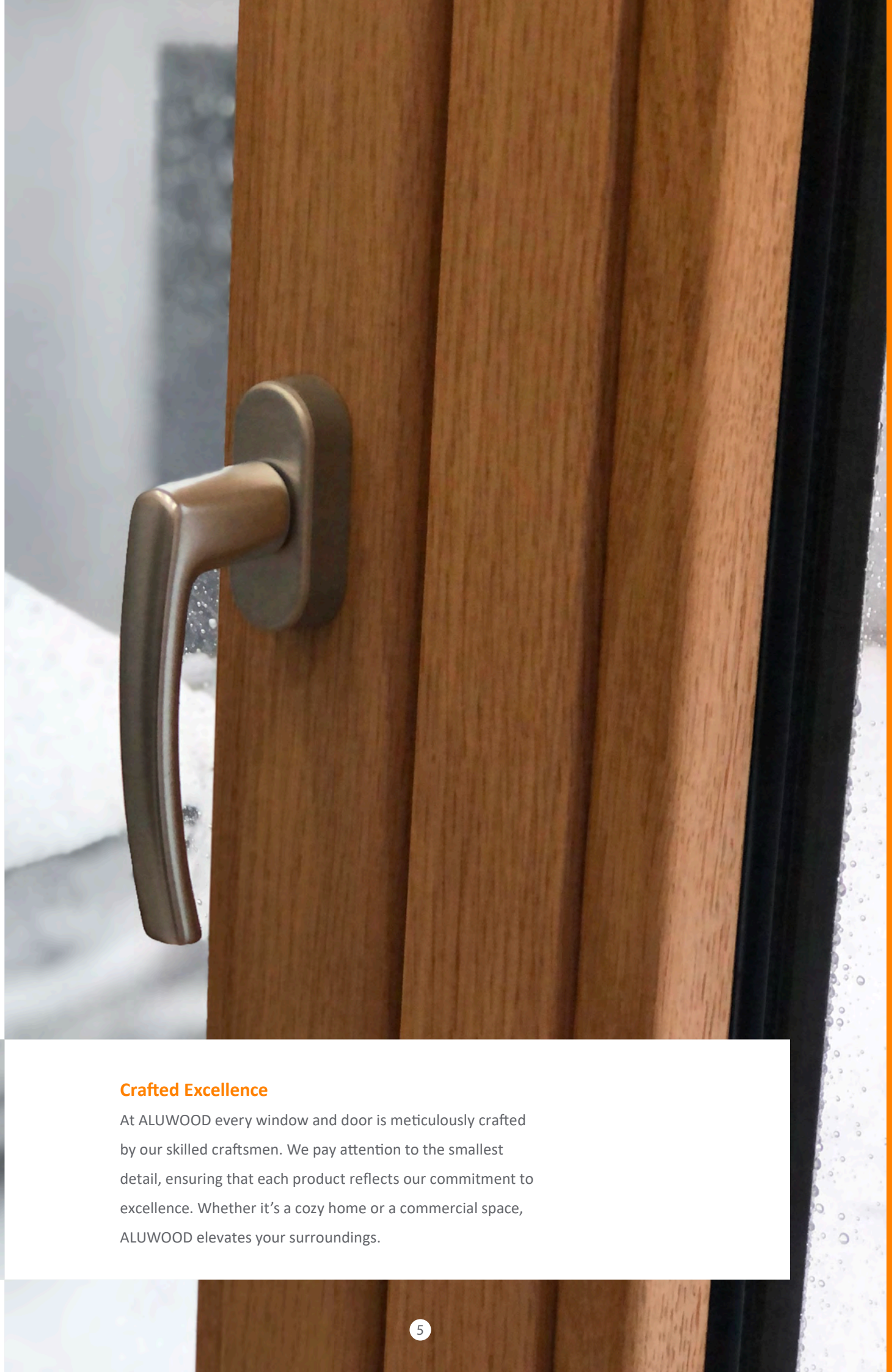
Solid wood (Impregnated)



ALUWOOD Composite Systems

Our specialty lies in WOOD-ALUMINUM COMPOSITE WINDOWS-DOORS SYSTEMS. ALUWOOD combines the timeless appeal of wood with the strength of aluminum, resulting in windows and doors that harmonize aesthetics and performance.





Crafted Excellence

At ALUWOOD every window and door is meticulously crafted by our skilled craftsmen. We pay attention to the smallest detail, ensuring that each product reflects our commitment to excellence. Whether it’s a cozy home or a commercial space, ALUWOOD elevates your surroundings.



Global Reach

Our impact extends far beyond our production facility. Across the globe, more than 90% of our products find homes. Architects, builders, and homeowners trust ALUWOOD to deliver quality and style.

Sustainability Matters

We believe in responsible manufacturing. Our processes minimize waste, and we prioritize eco-friendly materials. When you choose ALUWOOD, you're not just investing in superior windows and doors; you're contributing to a greener future.



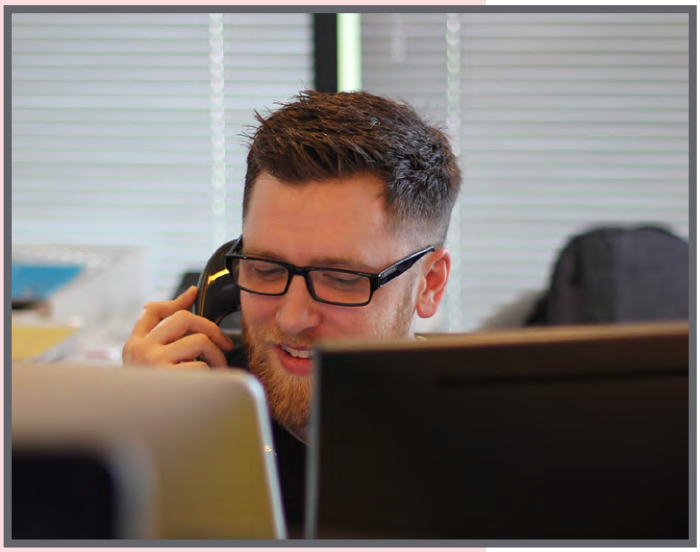
FSC

Your ALUWOOD Experience

Explore our catalog and envision ALUWOOD transforming your spaces. Whether it’s a cozy study bathed in natural light or a grand entrance that leaves a lasting impression, ALUWOOD has the solution.







Whether you're an architect, homeowner, or builder, we invite you to explore our range of ALUWOOD windows and doors.

Discover elegance, functionality, and lasting value.

Ready to elevate your spaces?

Connect with our team today.

Let's create something extraordinary together.

SERIES AW-80T

Thermo



The windows and doors, which play an important role in both interior and exterior design, create a unique sense of integrity through the combination of two distinct materials.

Aluwood's Thermo series elegantly offers composite windows and doors crafted from wood and aluminum, showcasing a modern aesthetic.

**AIR PERMEABILITY
Class 4
(EN 12207:2016-12)

** WATER TIGHTNESS
Class E1200
(EN 12208:1999-11)

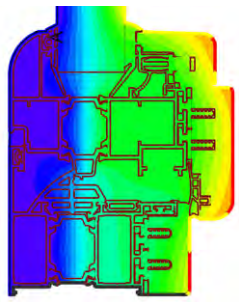
** WIND LOAD
Class C5/B5
(EN 12210:2016-03)

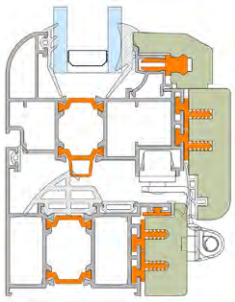
ift ROSENHEIM

Uf up to **2.15** W/(m²K)

Ug **0.6** W/(m²K)

* Uw **1.42** W/(m²K)





- Sash active width 99mm on a frame of 80mm
- Supports glazing up to 44mm or 130kg per sash
- EPDM gaskets ensure weatherproofing
- 20 mm polyamide thermal insulation
- Accessories in European standards
- Water based European colors and varnishes

* Calculated according to EN 10077-2:2017 ona 1230x1480 mm one wing window with Ug=0.6W/m²K glass.
** Calculated according to EN 14351-1:2006+A2:2016-09 on a 1230x1480 mm window.

SERIES AW-95T

Thermo+



Wood-aluminum windows, which give a spacious and comfortable look to the environment with wood, provide better protection outside with aluminum, while completely changing the style of your building by adding a modern atmosphere to the exterior.

If you need visuality, durability, more insulation, and a long-lasting door-window, the Termo+ series is exactly the right choice for you.

**AIR PERMEABILITY
Class 4
(EN 12207:2016-12)

** WATER TIGHTNESS
Class E750
(EN 12208:1999-11)

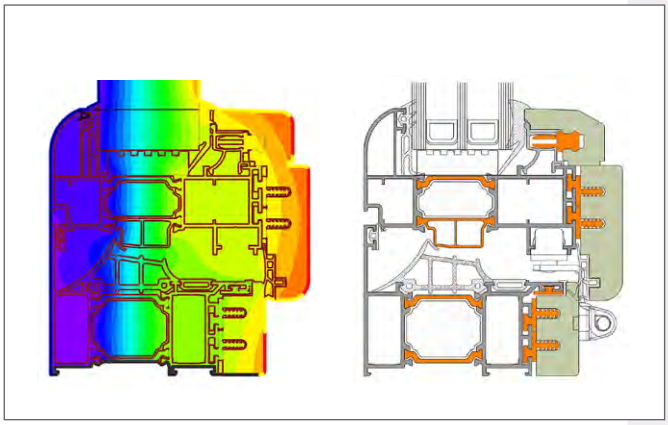
** WIND LOAD
Class C5/B5
(EN 12210:2016-03)

ift ROSENHEIM

Uf up to **1.41** W/(m²K)

Ug **0.6** W/(m²K)

* Uw **1.14** W/(m²K)



- Sash active width 113mm on a frame of 94mm
- Supports glazing up to 44mm or 130kg per sash
- EPDM gaskets ensure weatherproofing
- 34 mm polyamide thermal insulation
- Accessories in European standards
- Water based European colors and varnishes

* Calculated according to EN 10077-2:2017 ona 1230x1480 mm one wing window with Ug=0.6W/m²K glass.
** Calculated according to EN 14351-1:2006+A2:2016-09 on a 1230x1480 mm window.

SERIES **AW-180ST**

Pull & Slide



Explore our advanced wood aluminum sliding door series with the parallel pull system.

This design effortlessly merges sleek aesthetics with functionality, providing exceptional ease of use and high durability.

Perfect for modern homes, it ensures smooth, quiet operation and top-notch insulation, enhancing both comfort and energy efficiency.

**AIR PERMEABILITY
Class 4
(EN 12207:2017)

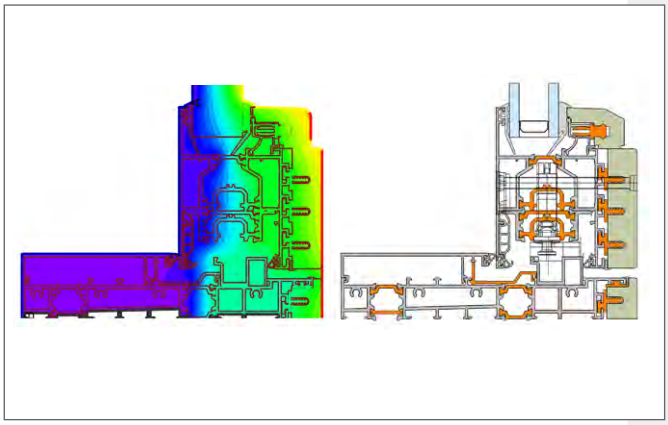
** WATER TIGHTNESS
Class E900
(EN 12208:2004)

** WIND LOAD
Class C4
(EN 12210:2016)

Uf up to **2.55** W/(m²K)

Ug **0.6** W/(m²K)

* Uw **1.11** W/(m²K)



- 180 mm frame depth and 86 mm vent depth
- Supports glazing up to 44mm or 200 kg per sash
- EPDM gaskets ensure weatherproofing
- 20-34 mm polyamide thermal insulation
- Accessories in European standards
- Water based European colors and varnishes

* Calculated according to EN 10077-2:2017 on a 2400x2600 mm one wing window with Ug=0.6W/m²K glass.
** Calculated according to EN 14351-1 + A2:2016 on a 2400x2600 mm door.

SERIES AW-120ST

Sliding



Wood-aluminium sliding windows; It gives a clean and modern look and style to the exterior and facades of the buildings, and creates a pleasant ambience with large windows on the inside.

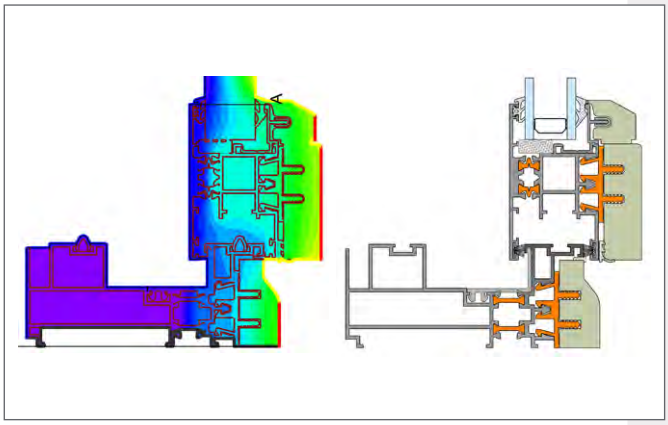
You can save space with these doors in narrow places and, unlike normal doors; you can keep the opening wall behind the door completely up to you.

This system is ideal for windows and medium sliding doors.

Uf up to **3.15** W/(m²K)

Ug **1.1** W/(m²K)

* Uw **1.82** W/(m²K)



- 120 mm frame depth and 63 mm vent depth
- Supports glazing up to 24mm or 120 kg per sash
- EPDM gaskets ensure weatherproofing
- 10/15 mm polyamide thermal insulation
- Accessories in European standards
- Water based European colors and varnishes

* Calculated according to EN 10077-2:2017 on a 2100x2100 mm window with Ug=1.1W/m²K glass.

SERIES AW-185ST

Lift & Slide



Modern, large-format wooden aluminium lift sliding doors for garden exits, terraces and balconies are a recommended and space-saving solution for very large door openings.

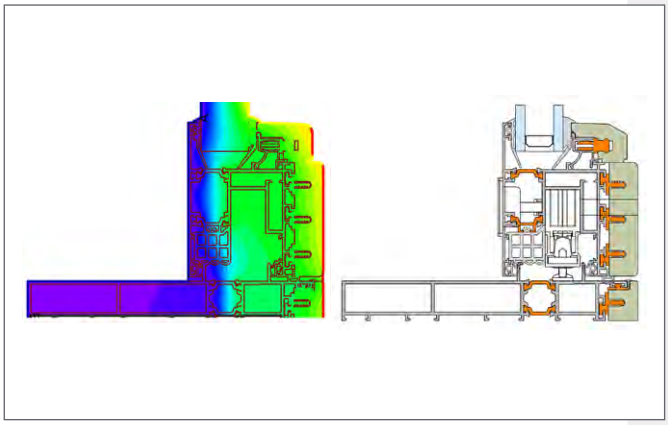
It offers effective thermal protection, maximum sealing, outstanding stability, and safety.

Its large area windows provide excellent illumination of the interior. It allows large and heavy doors of this type to be moved with minimal effort.

Uf up to **2.49** W/(m²K)

Ug **0.6** W/(m²K)

* Uw **1.06** W/(m²K)



- 186 mm frame depth and 85 mm vent depth
- Supports glazing up to 42mm or 400 kg per sash
- EPDM gaskets ensure weatherproofing
- 20 mm polyamide thermal insulation
- Accessories in European standards
- Water based European colors and varnishes

* Calculated according to EN 10077-2:2017 on a 2400x2600 mm one wing window with Ug=0.6W/m²K glass.



SERIES AW-80BT

Bi-fold



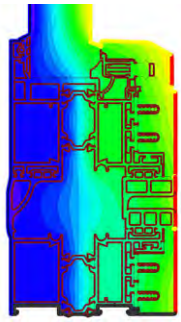
Wood-aluminium bifold doors offer great flexibility to open fully wide openings. It allows you to open your rooms to outside for larger areas. This innovative door design creates the perfect and larger indoor-outdoor spaces to use the garden or terrace areas at optimum profit.

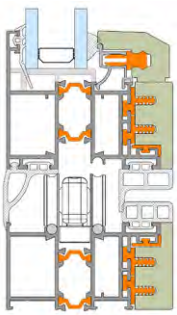
Folding doors that let coming natural light to your home are an ideal alternative to sliding doors both in new buildings and in renovation projects.

Uf up to **2.17** W/(m²K)

Ug **0.6** W/(m²K)

* Uw **1.37** W/(m²K)



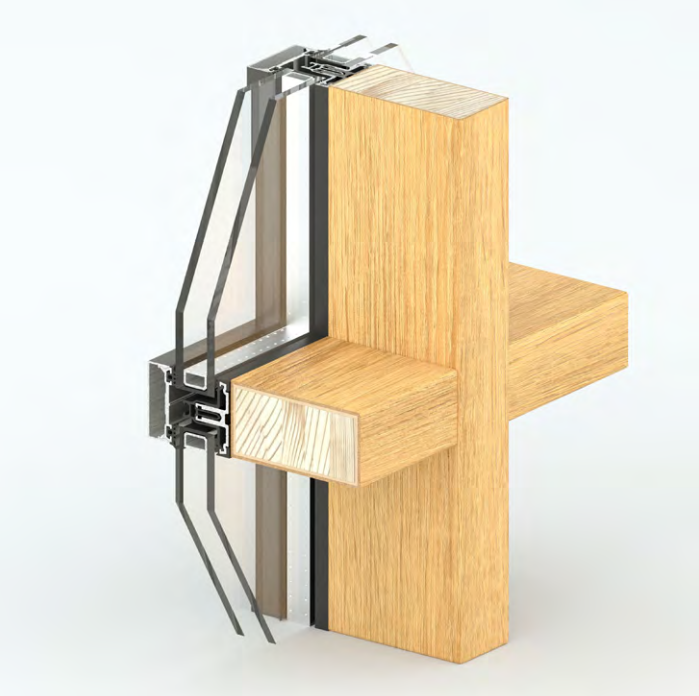


- The profiles have a construction depth of a 80 mm
- Supports glazing up to 44 mm ve 110 kg per panel
- EPDM gaskets ensure weatherproofing
- 10/15 mm polyamide thermal insulation
- Accessories in European standards
- Water based European colors and varnishes

* Calculated according to EN 10077-1 on a 3500x2500 mm, 4 panels door with Ug=0.6W/m²K glass.

SERIES AW-50CT

Curtain Wall



Wood-aluminium curtain wall is a modern-looking system that provides static requirements and used for large openings.

In modern architecture, it is used instead of walls to provide more light penetration and provide aesthetics to the building.

When used alongside window, door, and sliding systems, this powerful system creates a perfect solution. Additionally, it boasts excellent heat and sound insulation.

**AIR PERMEABILITY
AE 900
EN 12153

** WATER TIGHTNESS
RE 1200
EN 12155

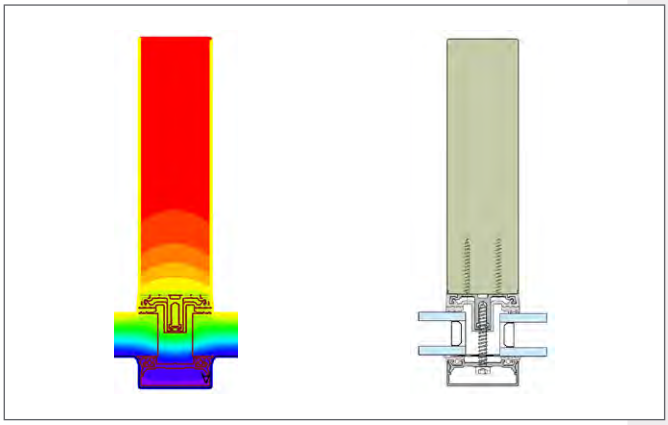
** WIND LOAD
1200 Pa
EN 122179

ift ROSENHEIM

Uf up to **1.60** W/(m²K)

Ug **0.6** W/(m²K)

* Uw **0.89** W/(m²K)



- Inside as a supporting construction made of solid wood laminate, outside as a thermal insulating aluminium construction
- Possible use with all normal types of glass, panels and opening elements
- Accessories in European standards
- Water based European colors and varnishes

* Calculated according to EN ISO 10077-2:2017 on a 1200x1800 mm curtain wall with Ug=0.6W/m²K glass.
** Calculated according to EN 113830 on a 3000x2500 mm curtain wall.



WINDOWS

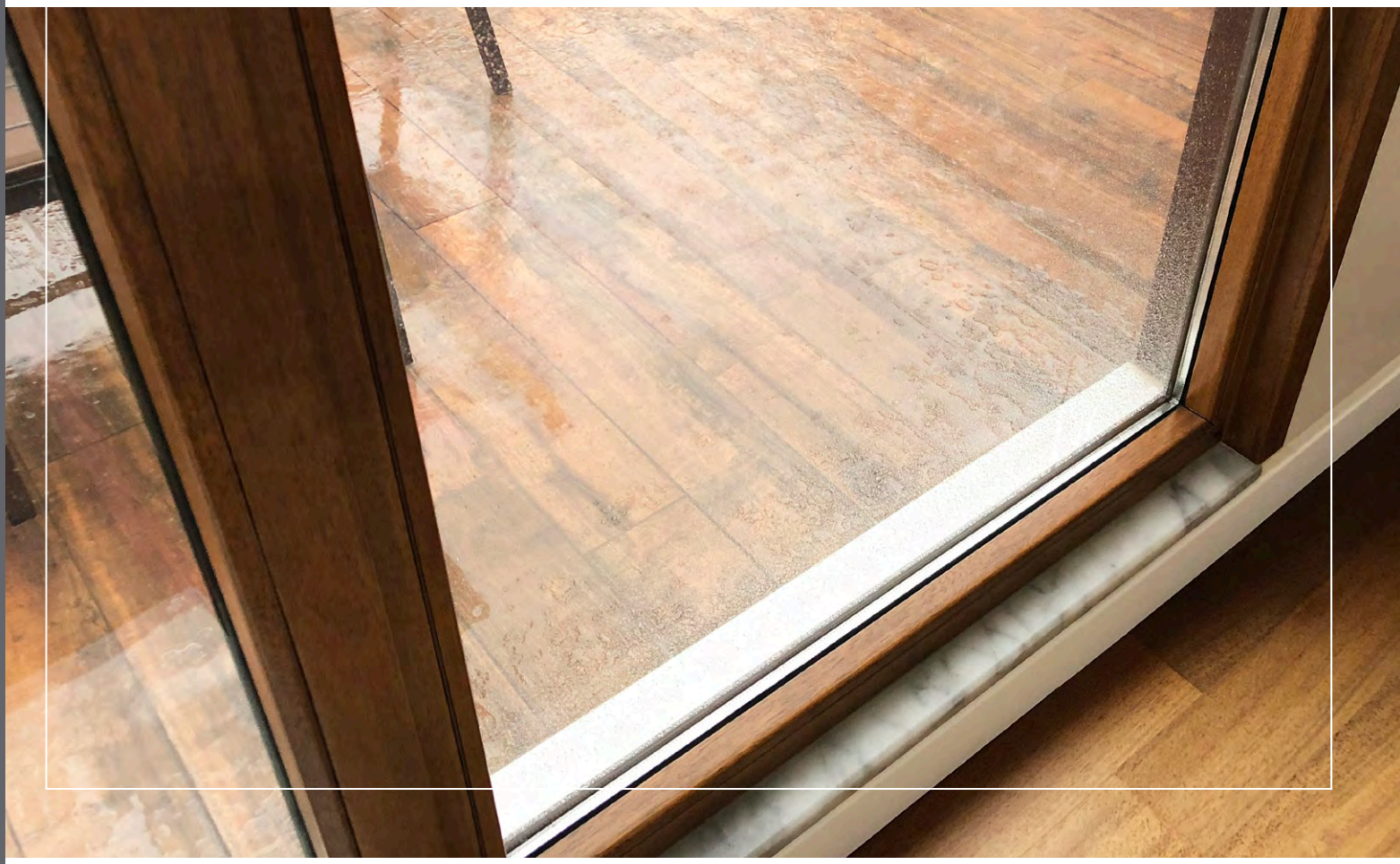
You can create safe, natural, bright, warm, and highly insulated, at the same time rich combinations suitable for all types of classical or modern architectural styles with wooden aluminium windows.

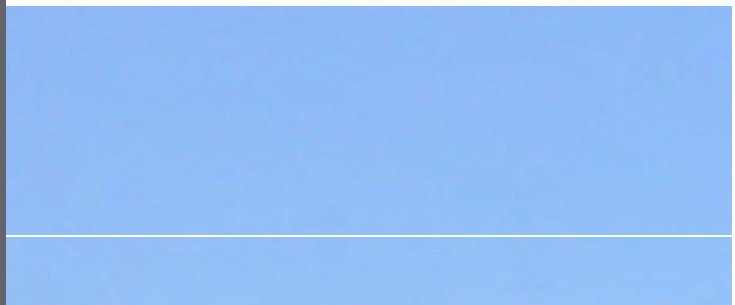


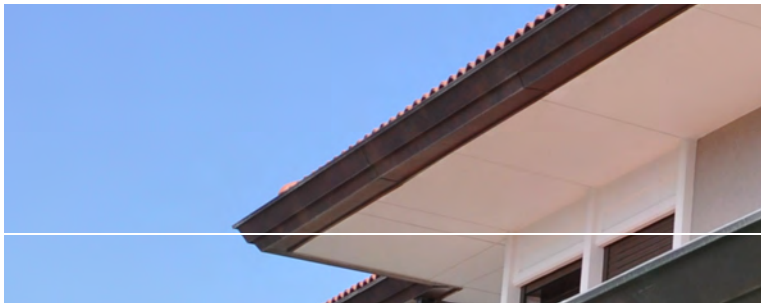
WINDOWS

Wood and Aluminium are materials with unique properties. The weak side of aluminium is its cold appearance, whereas wood requires maintenance. Wood aluminium composite windows and doors are; the use of different materials in the right places.

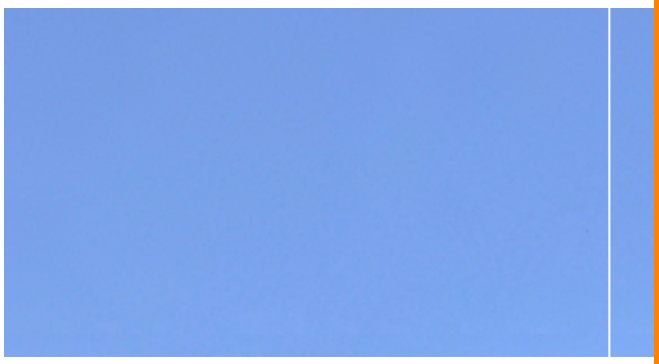














WINDOWS

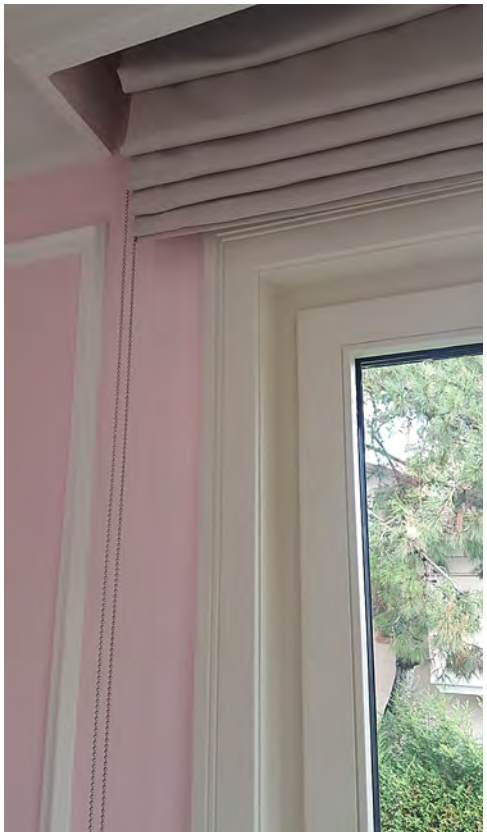
Wood and aluminum; two different materials, two separate facades. The colors and textures are different.





Excellent durability, non-fading colors are on the outside, a warm and natural material on the inside.







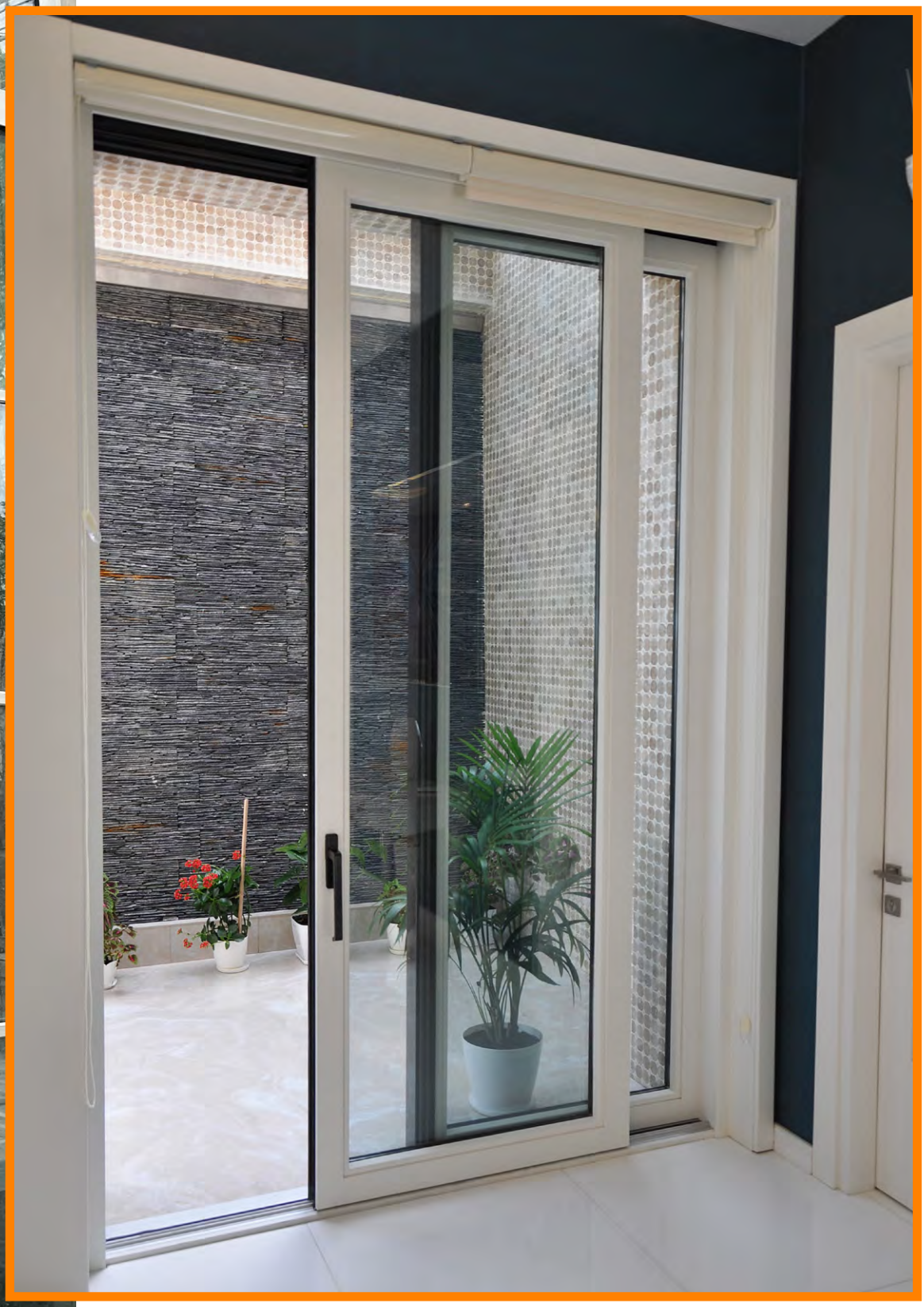






DOORS

Balcony, terrace or main entrance doors, opening in or out, folding or sliding. Architectural solutions with systems suitable for any possible use.



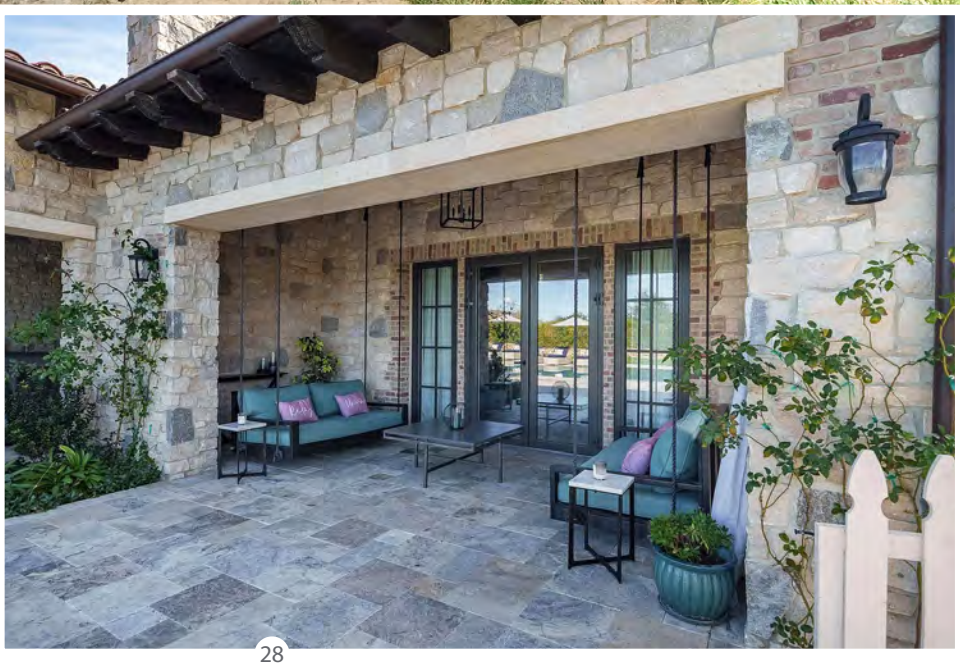






Doors are the parts of the buildings that are in constant motion and at the same time have security problems. For this reason, wooden aluminum door systems that can withstand this intensive use for many years will offer you a safe and long-lasting comfort.







Required for an average door; safety, aesthetics, strength, and ease of use. It is possible to have all these features together with wooden aluminium composite doors.





FACADES

Developing architectural trends require brighter spaces in buildings. As a result, it requires higher windows. You can create bright and extraordinary spaces with wooden aluminum facade systems where you can pass large openings by providing static requirements and bring all the naturalness of wood to living spaces.





FACADES

Our facade system, which is an important part of the decoration as well as its functionality, combines the visuality and warmth of natural wood inside, as well as the durability of aluminum outside.









WINTER GARDENS | EXTENSIONS

Wood aluminum winter garden systems give you the beauty of open-air in a bright and warm environment that warms you even in the coldest winter days, with extra spaces that you can design adjacent to the buildings or independently.with wooden aluminium windows.





WOOD COLORS

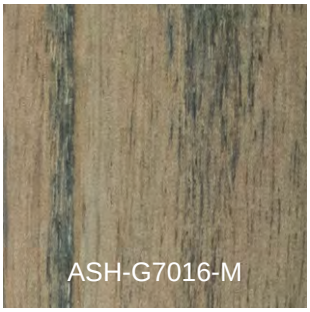
Three natural essences
and tens of exclusive colors...

Standard Wood Colors

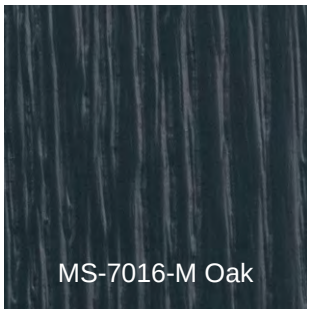

MS-102-M Oak


MS-7046-M Oak

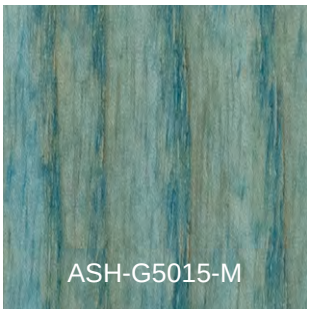

ASH-102-M


ASH-G7016-M


MS-101-M Oak


MS-7016-M Oak


ASH-152-M


ASH-G5015-M

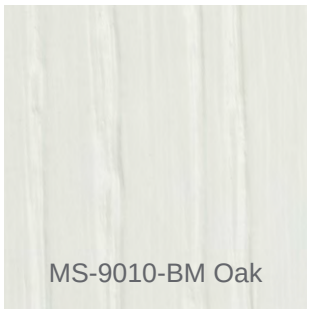

MS-113-M Oak


MS-122-M Oak


ASH-101-M


FR-112 Frake


MS-112-M Oak


MS-9010-BM Oak


ASH-105-M

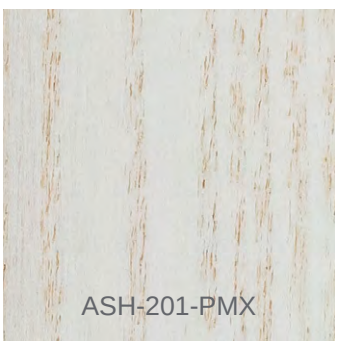

FR-119 Frake


MS-105-M Oak


MS-1013-BM Oak

2. Group Wood Colors

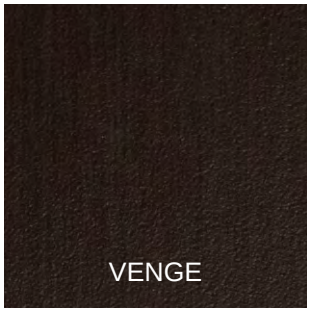

MS-151-MX Oak


ASH-201-PMX

ALUMINIUM COLORS

Aluminium Wood Effect Colors

















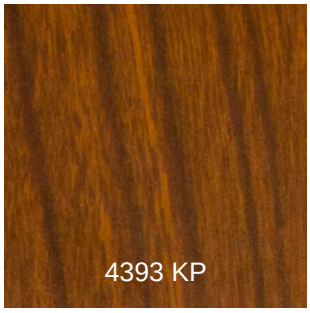










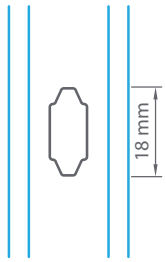


On the aluminum side you can choose either hundreds of RAL colors or anodized colors or wooden colors...

Standard RAL Colors
RAL 9010 MAT, RAL 1013 MAT, RAL 7001 MAT, RAL 7030MAT, RAL 7016 MAT, RAL 8017MAT, RAL 8019 MAT

WINDOW GRIDS

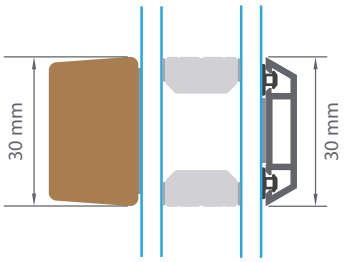
INNER GRID



spacer between the two or three panes of glass



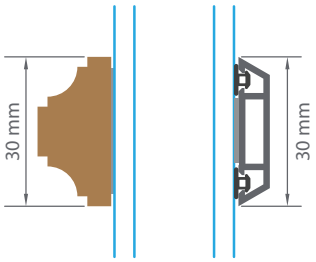
SURFACE MOUNTED GRID WITH SPACER



The interior side of the window is wood, the exterior side is aluminum grid, and there is a spacer between the two or three panes of glass



SURFACE MOUNTED GRID WITHOUT SPACER



The interior side of the window is wood, the exterior side is aluminum grid, and there is no spacer between the two or three panes of glass





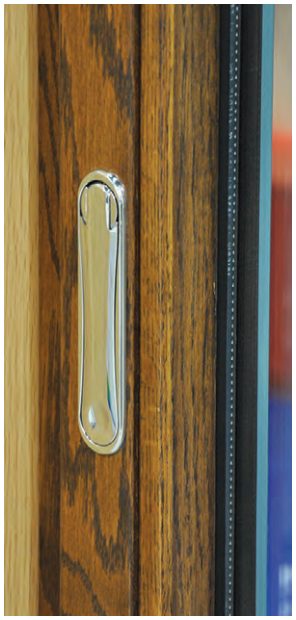


ACCESSORIES

You can select accessories in colors that match with wood and aluminum finishes.



















REFERENCES





























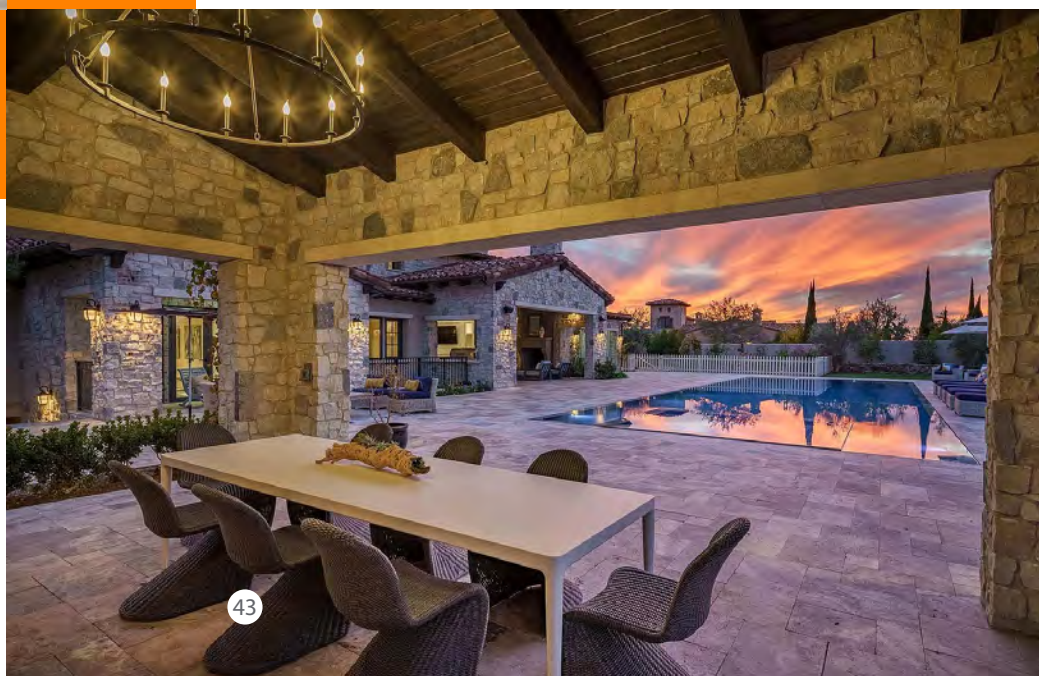




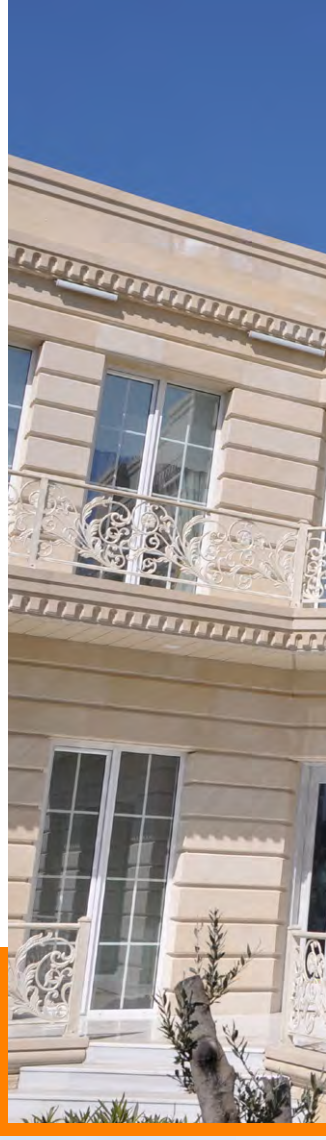










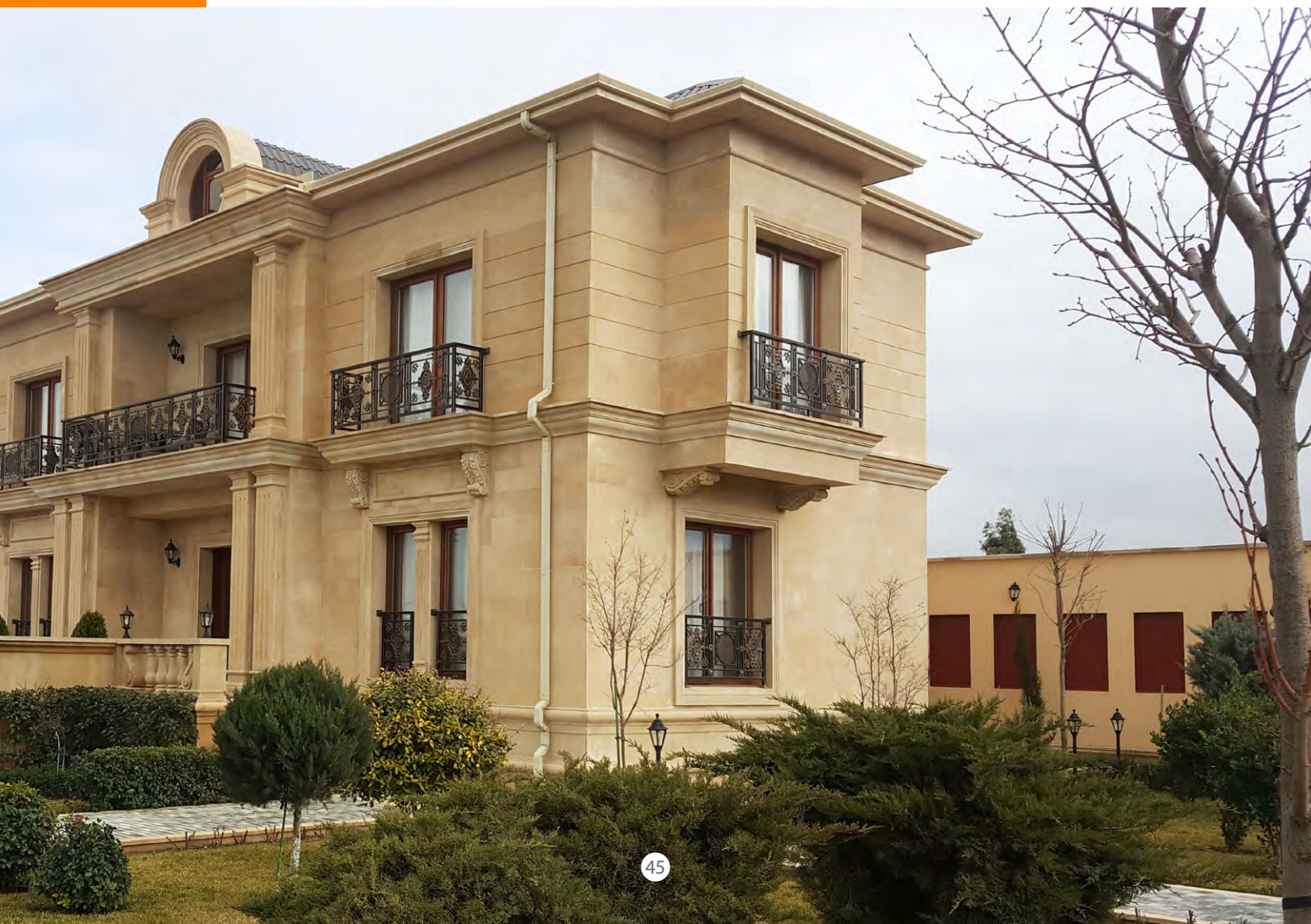








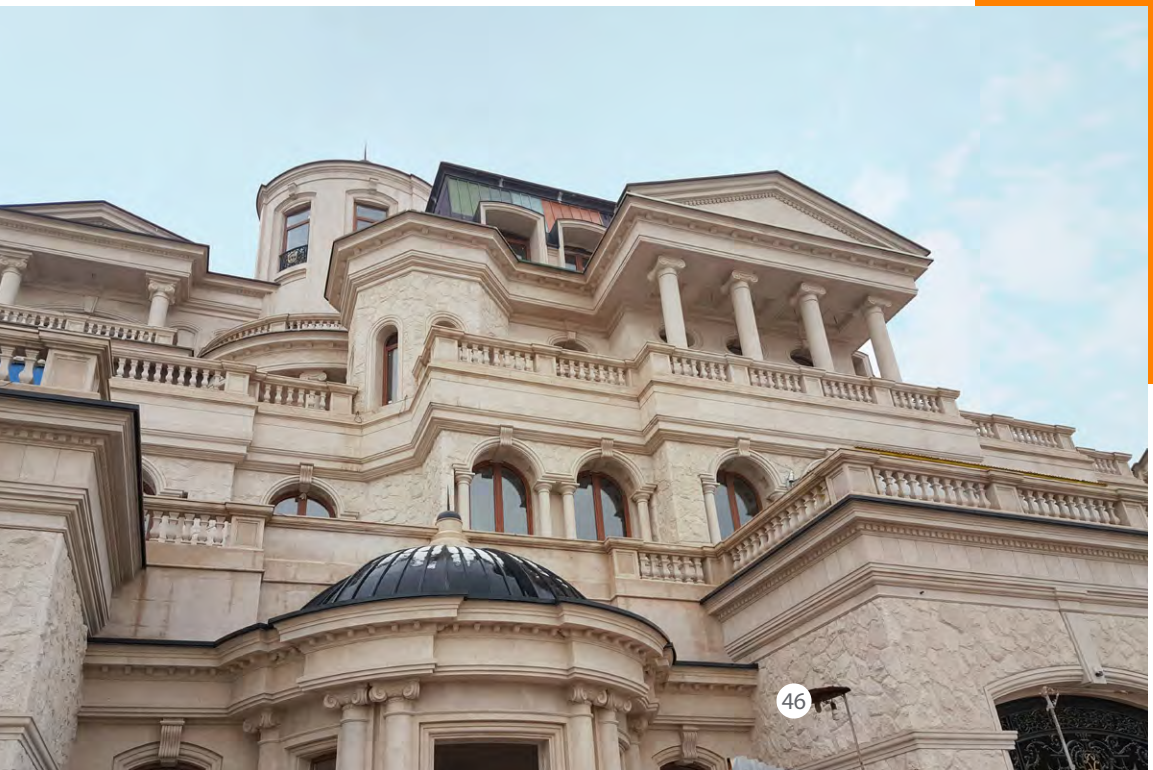




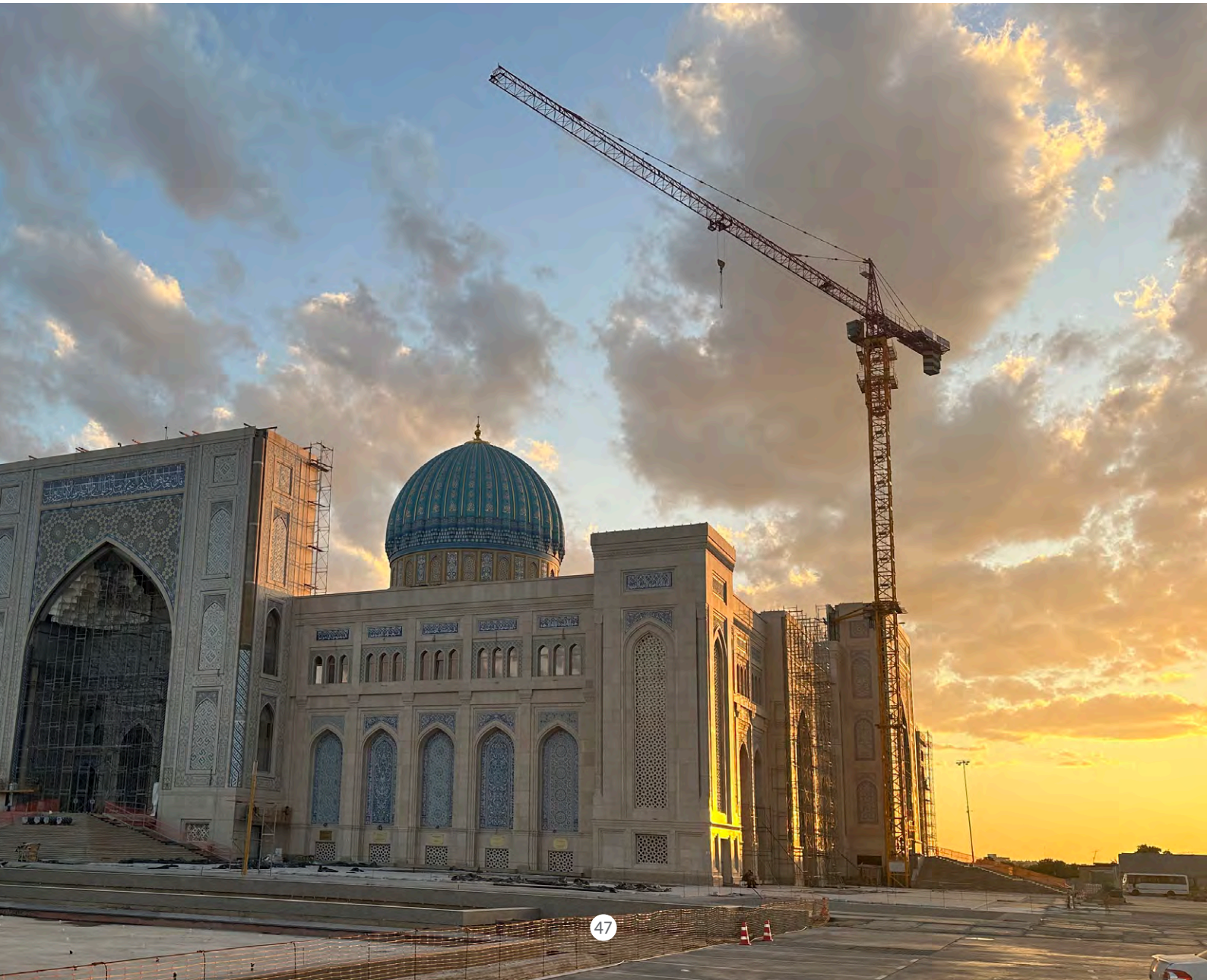














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