



EUROPEAN WINDOWS + DOORS





GRAND
BANKS
BUILDING
PRODUCTS



For over 30 years, Grand Banks has been helping homeowners and professionals bring their visions to life. Finding the right products can be overwhelming, but our dedicated team of experts are here to guide you. Our team works together to find the best product solutions for your project.

When you're looking for something to elevate your project to the next level of style and performance, look to our line of high performance European Windows and Doors. Backed by our team in Poland and our Architectural Services department, each window is custom built for your project. European Windows and Doors come with triple glazed glass for better performance and superior components for structural support. They offer infinite customization opportunities for any residential or commercial project.

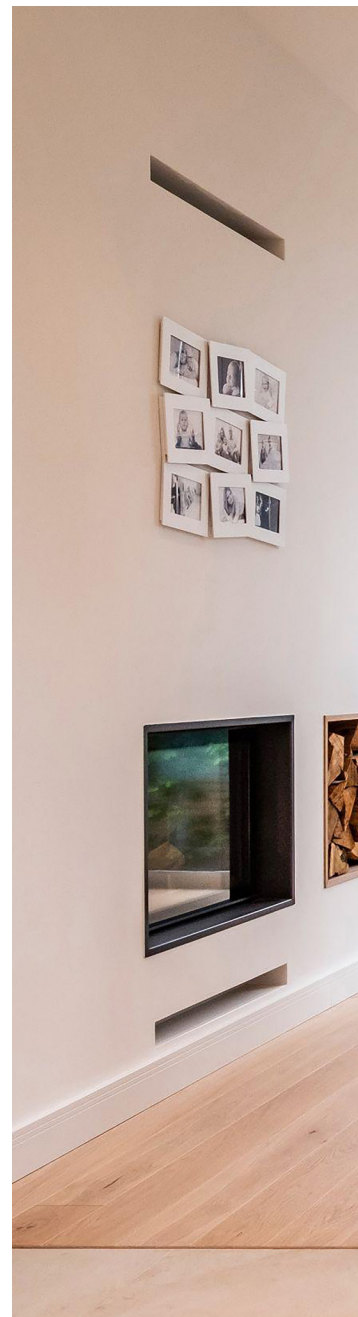
We provide you with drawings, specifications, design guidance, and alternative solutions for your job. Our team in Poland communicates directly with the manufacture and fabricators to ensure that your products are built to your exact specs and that everything is properly packed in a container before shipping.

L I G H T

Home building today is about maximizing light and space. By transforming walls into glass, our line of high performance European Windows and Doors are designed to do just that.

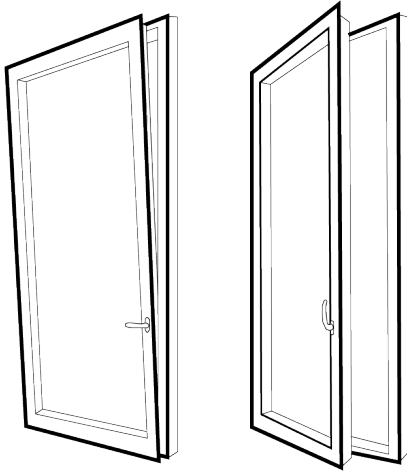
Strong frames ensure bigger glass sizes, with fewer sitalines. Windows are often the biggest area for energy loss in your building envelope. Triple glazed window panes will help keep your home at a comfortable temperature year round and improving your sound insulation. This increased level of insulation will help create predictable energy costs for your building.

Each window is custom built for your order. Whether you are looking for a single tilt turn window, or a window wall, all of our European Windows and Doors are constructed to your exact specifications.





Styles

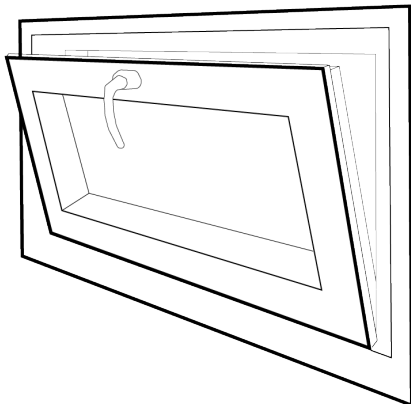
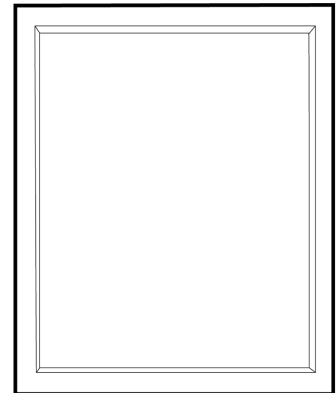


tilt + turn

Tilt-and-turn windows promise unique functionality and design, enhanced security, better quality, superior thermal efficiency and exceptional durability and longevity. Dual operation of these windows allows them to swing open wide, or vent at the top. Turn the lever 90° to open wide like a casement, or all the way down (180°) to vent at the top like a hopper window.

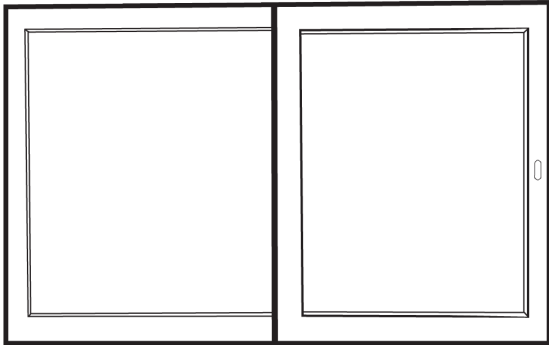
fixed

Fixed windows are non-operable. The window and frame hang much like a picture on a wall, and do not open. These windows are great for letting in light but aren't accessible to operate.



tilt

Tilt Windows open horizontally to provide ventilation. These windows are often found in combination with other window styles or in tight spaces.

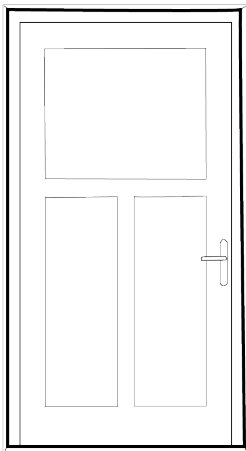
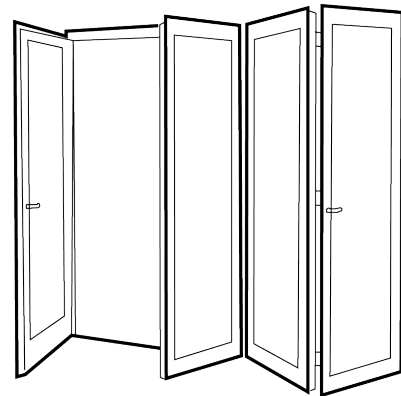


lift + slide

Lift and Slide Doors use expansive panels of glass that can be opened with the push of a finger. Thanks to their innovative hardware, the door's compression seals are fully disengaged while sliding the panels, creating near frictionless operation.

folding

Folding doors are designed to remove the barrier between the interior and exterior of your space. These come with the option to use as a regular patio door, or open up the entire wall.



swing

Swing doors offer all the benefits of tilt and turn windows with the added convenience of a low threshold. The turn function combined with a low threshold creates seamless access to the outdoors, while the tilt functionality enables safe and simple ventilation.

Options

glass

European Windows provide the best solutions for large openings with clear sightlines. European glass is thicker, which helps maintain your homes R-Value and preserve your homes energy efficiency. Thicker glass combined with strong frames, results in larger glass sizes and increased structural integrity. European Windows are custom built for every project to bring your dream design to life.

- Triple Pane Standard
- Other options are available (Tempered Glass, Soundproofing Glass, Bird Glass, Spandrel Glass, and more)
- Individual panes are thicker than US panes
 - US starts at 3/32", 3 mm
 - European starts at 5/32", 4mm
 - Thicker glass is used for larger openings in both





hinges

- Exposed or Concealed
- Standard
- Stainless

levers

- Finish: Aluminum, Painted Aluminum, Stainless Steel
- Keyed or Not Keyed
- Custom options available



Materials

uPVC

- Energy saving uPVC windows of the highest quality
- Available in all uPVC or with an additional external aluminum cladding
- 3 gaskets between the sash and the frame ensure best thermal performance
- Suitable for double and triple glazing
- Frame and glazing combinations available for high performance building certifications, i.e. Passive House, Net Zero, LEED, Living Building Challenge, and others.
- Wide range of operation types
- Accessories: aluminum insect screens (fixed, hinged and retractable), aluminum external window sills, great choice of stainless steel or aluminum levers, exposed or concealed hinges, sash opening restrictors, auto closers for doors (concealed or exposed), electronic opening of doors and windows
- Finish: limited options are available and can be chosen from the VEKA sample of foils. For uPVC + aluminum cladding, the aluminum exterior can be coated in any of the 212 colors on the RAL palette, available in a glossy, matte or structural finish.

Wood + Clad Wood

- Wood windows & doors are available in two types:
 - Aluminum clad (solid wood with aluminum applied to the exterior)
 - All wood (exposed wood exteriors; no aluminum cladding)
- All wood windows are available in a variety of frame depths:
 - 68mm (2 43/64"), 78mm (3 5/64"), 88 (3 15/32") or 92mm (3 5/8")
- Aluminum clad windows are available in depths:
 - 68mm (2 43/64") and 88mm (3 15/32")
- Species: pine, spruce, larch, meranti, oak, walnut, teak, mahogany
- Prefinishing included (paint or stain)
- Aluminum cladding has welded corners (no exposed mitre joints)
- Frame and glazing combinations available for high performance building certifications, i.e. Passive House, Net Zero, LEED, Living Building Challenge, and others.
- Accessories: aluminum insect screens (fixed, hinged and retractable), aluminum external window sills, great choice of stainless steel or aluminum levers, exposed or concealed hinges, sash opening restrictors, auto closers for doors (concealed or exposed), electronic opening of doors and windows
- Finish: in addition to a palette of standard stains, custom stains to match the desired style and finish are available. Clear stains and oil finishes are possible on wood+alu products' interior. Wood can also be painted in any of the 212 colors on RAL palette.





Aluminum

- Available in a wide range of depths and opening types, also curtain walls and modern “zero frame” options
- High performing thermally-broken profiles
- Double or triple glazing available
- Frame and glazing combinations available for high performance building certifications, i.e. Passive House, Net Zero, LEED, Living Building Challenge, and others.
- Accessories: aluminum insect screens (fixed, hinged and retractable), aluminum external window sills, great choice of stainless steel or aluminum levers, exposed or concealed hinges, sash opening restrictors, auto closers for doors (concealed or exposed), electronic opening of doors and windows
- Finish: can be RAL coated in any of the 212 colors on RAL palette, available in a glossy, matte or structural finish. Ocean Exposure finishes, wood grain foils, and anodized options are also available.

Steel

- Torsionally rigid, welded frames allow large windows with extremely slender profiles.
- Arched windows, structural reinforcement and aesthetic adaptations of standard steel profiles can be produced cost-effectively in individual units and small quantities.
- Suitable for both dry and wet glazing
- The wide range of opening types is ideally suited for the renovation of old windows but also for modern residential construction.
- The wide range of non-insulated and thermally insulated door systems exploits the benefits of steel as a material and covers both standard applications and complex, special requirements.
- Steel is robust and resistant to mechanical damage. It also offers a number of possibilities in terms of structural dimensioning, fire-resistant, burglar-resistant and bullet-resistant constructions, and sound reduction.
- Welded corners are polished and painted to create hidden joints.
- Finish: can be RAL coated in any of the 212 colors on RAL palette, available in a glossy, matte or structural finish. Ocean Exposure finishes are also available.





Profiles

All European Window and Doors are custom built for every job. Our manufacturers have a wide variety of profiles available for any project, however, these are some of our most commonly used options. If you would like to see other options, please let our team know and we can present more.

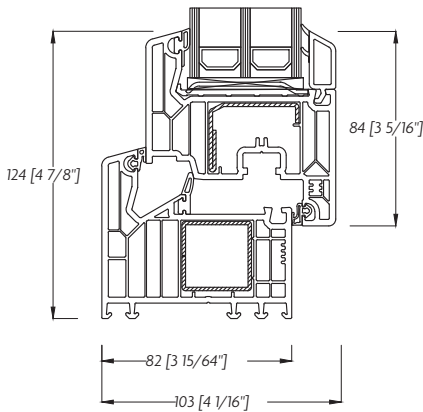
Softline 82 MD uPVC

The Veka Softline 82MD is a high-performance system with a center seal. The multi-chamber geometry ensures excellent thermal and noise insulation with values of up to $U_w = 0.74 \text{ W/(m}^2\text{K)}$ when using triple glazing with $U_g = 0.5 \text{ W/(m}^2\text{K)}$. With thermally separated steel reinforcements, this profile easily meets the most stringent energy efficiency requirements - from low-energy houses to passive houses.

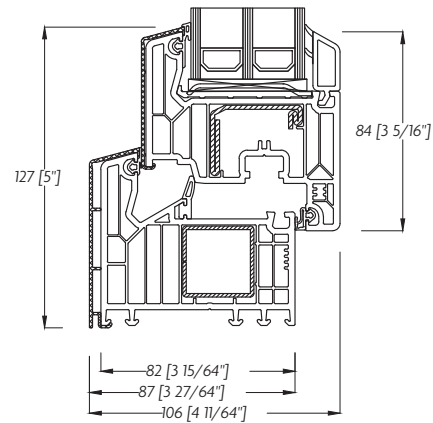
Softline 82 MD allows application of double and triple IGUs, with thicknesses from 15/16" (24mm) up to 2 3/64" (52mm), U-factor of .088 BTU/(h·ft²·°F).

This product is available as all uPVC and uPVC with exterior aluminum cladding which provides additional protection from external conditions.

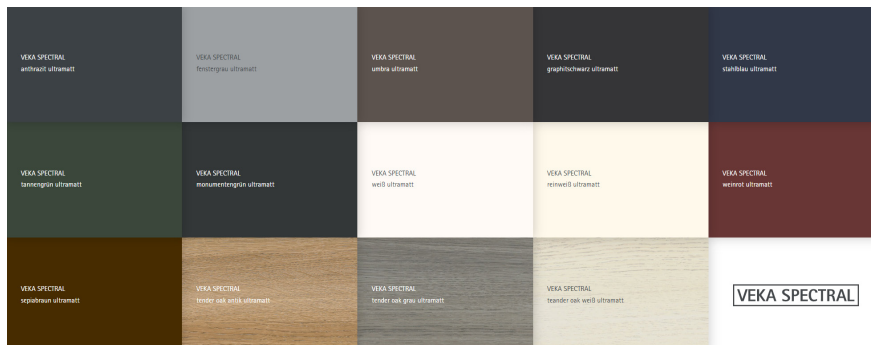
Softline 82 MD	
Frame Depth Fixed	3-15/64" , 82mm
Frame Depth Operable	3-31/32" , 101mm
UF	from .176 BTU/(h·ft ² ·°F)
Uw	from .140 BTU/(h·ft ² ·°F)
Max Window Width	4' 7-1/8" , 1400mm
Max Window Height	7' 10-31/64" , 2400mm



uPVC



uPVC + Cladding



68 mm, 78 mm, 92 mm wood

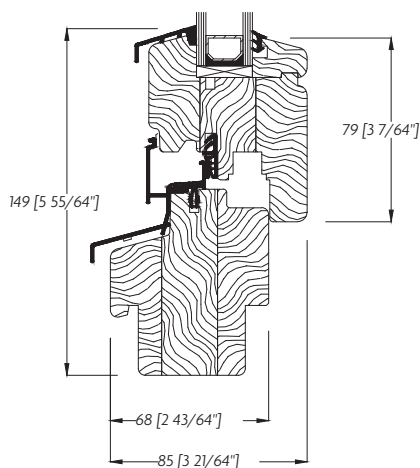
Wood frames start at 68mm. Thermal performance increases with frame thickness and allows for thicker IGUs. All three profiles are available in European pine, oak, meranti, sapele (mahogany), iroko, teak and American walnut. Our fabricators glue their own scantling which guarantees the top quality of constructional elements used in our wood windows. Wood is sourced from sustainable resources.

To protect windows from external conditions, all of our windows are triple coated. Using only water soluble products guarantees no harmful chemicals in your space. Additionally, all our windows have aluminum weather strips on the exterior glass stop and frame for even better water, wind and light protection.

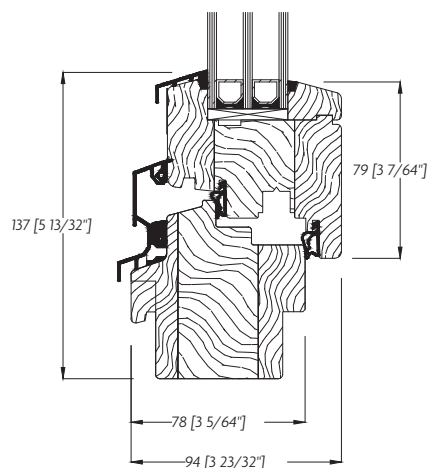
68mm wood profile allows for application of max double layer IGUs, the thickness from 55/64" (22 mm) to 17/64" (32 mm) in operable and fixed windows, 78mm allows for IGUs from 15/16" (24mm) to 2 9/32" (58mm) and 92mm fits 15/16" (24mm) to 2 31/64" (63mm) thick IGUs.

Hinges are available as exposed or concealed. Different undercuts for interior and exterior sills are available.

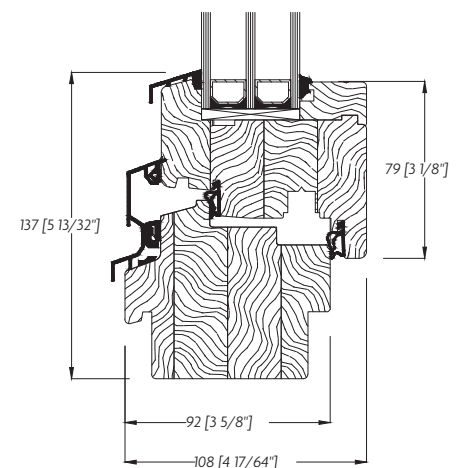
	68mm	78mm	92mm
Frame Depth Fixed	2-43/64", 68mm	3-5/64", 78mm	3-5/8", 92mm
Frame Depth Operable	3-11/32", 85mm	3-23/64, 94mm	4-1/4", 108mm
UF	from .243 BTU/(h·ft ² ·°F)	from .188 BTU/(h·ft ² ·°F)	from .156 BTU/(h·ft ² ·°F)
Uw Fixed	from .211 BTU/(h·ft ² ·°F)	from .120 BTU/(h·ft ² ·°F)	from .111 BTU/(h·ft ² ·°F)
Uw Operable	from .211 BTU/(h·ft ² ·°F)	from .134 BTU/(h·ft ² ·°F)	from .123 BTU/(h·ft ² ·°F)
Max Window Width	5' 3", 1600mm	5'-3", 1600mm	5' 3", 1600mm
Max Window Height	9' 2-15/64", 2800mm	8' 2-1/2", 2500mm	8' 2-1/2", 2500mm



68 mm



78 mm



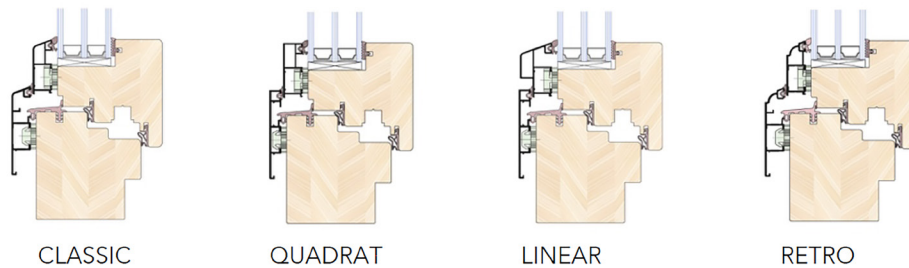
92 mm

68 and 88 aluminum clad wood

68 and 88mm wood profiles with exterior aluminum cladding are the perfect combination of classic wood on the interior and maximum durability on the exterior. These profiles are available in European pine, oak, meranti, sapele (mahogany), iroko, teak and American walnut. Our fabricators glue their own scantling which guarantees the top quality of constructional elements used in our wood windows. Our wood is sourced from sustainable resources.

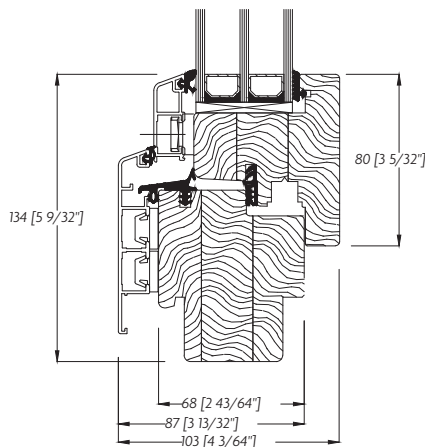
The aluminum cladding is powder coated in any of 216 RAL colors available (also, any of 1950 NCS colors available on special request). Window interiors may also be painted or stained. All finishes used by our manufacturers are water-thinnable and user friendly.

Hinges available as exposed or concealed. Different undercuts for interior and exterior sill are available. Exterior aluminum cladding is available in four shapes and styles

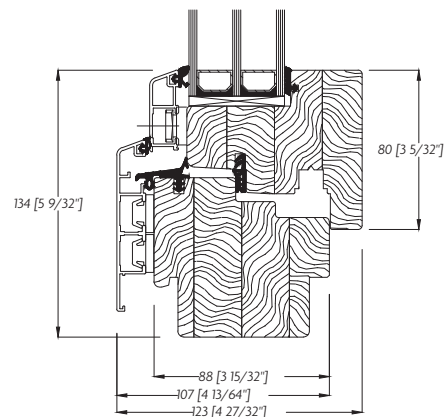


Both 68mm and 88mm profiles allows for triple glazing. 68mm profile fits IGUs of between 1 1/32" (26mm) and 1 49/64" (45mm). 88mm profile allows for 1 49/64" (45mm) to 1 59/64" (49mm) IGUs.

	68mm	88mm
Frame Depth Fixed	2-43/64", 68mm	3-15/32", 88mm
Frame Depth Operable	3-5/16", 84mm 4-3/64", 103mm w/cladding	4-9/64", 105mm 4-27/32", 123mm w/cladding
UF	from .293 BTU/(h·ft ² ·°F)	from .260 BTU/(h·ft ² ·°F)
Uw Fixed	from .150 BTU/(h·ft ² ·°F)	from .141 BTU/(h·ft ² ·°F)
Uw Operable	from .174 BTU/(h·ft ² ·°F)	from .164 BTU/(h·ft ² ·°F)
Max Window Width	5' 3", 1600mm	5' 3", 1600mm
Max Window Height	8' 2-1/2", 2500mm	8' 10-19/64", 2700mm



68 Aluminum Clad Wood



88 Aluminum Clad Wood

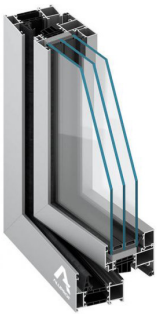
MB-79N aluminum

MB-79N is the latest cutting-edge, budget-friendly system designed to outperform standard thermal insulation requirements. It can be used as operable windows, fixed units, patio doors (regular and low aluminum threshold) or entry doors (inswing and outswing).

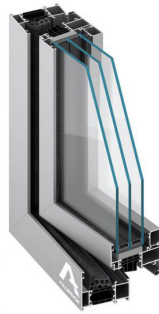
The system allows the application of double and triple IGUs, thickness from 13/32" (10.5 mm) to 2 31/64" (63 mm) in operable windows, and from 1/16" (1.5 mm) to 2 1/8" (54 mm) in fixed windows and door leaves. This wide range of infill thickness guarantees the possibility to apply all typical and atypical glass panels.

Hinges available as exposed or concealed.

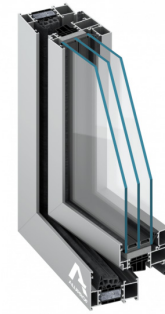
	MB-79N ST	MB-79N SI
Frame Depth Fixed	2-3/4" , 70mm	
Frame Depth Operable	3-7/64" , 79mm	
UF	from .164 BTU/(h·ft ² ·°F)	from .146 BTU/(h·ft ² ·°F)
Uw Fixed	from .144 BTU/(h·ft ² ·°F)	from .123 BTU/(h·ft ² ·°F)
Uw Operable	from .167 BTU/(h·ft ² ·°F)	from .139 BTU/(h·ft ² ·°F)
Max Window Width	5' 7" , 1700mm	
Max Window Height	8' 10-1/3" , 2700mm	
Max Door Width	4' 7-1/8" , 1400mm	
Max Door Height	9' 2-1/4" , 2800mm	



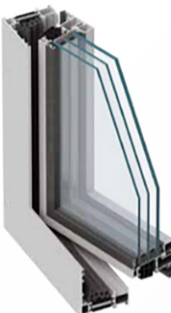
MB-79N E
Economic



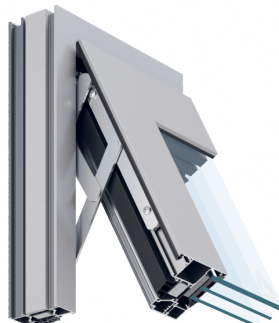
MB-79N ST



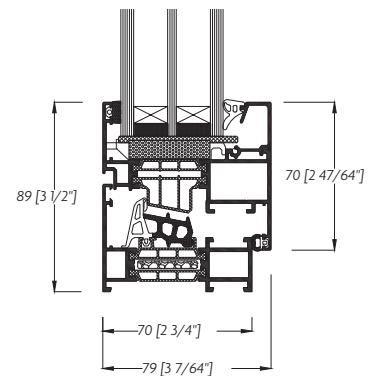
MB-79N SI
Best Performing



MB-79N US
Hidden Sash



MB-79 Casement



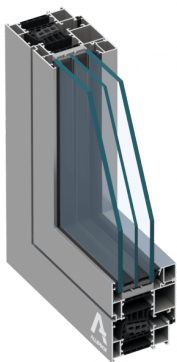
MB-79N SI

MB-86 aluminum

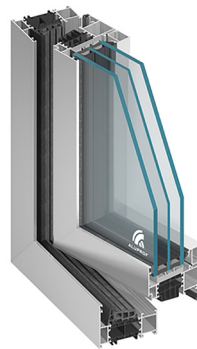
The MB-86 is a highly durable and efficient window and door system which makes it perfect for a wide range of applications. It is designed to accommodate numerous multi-point locking systems, including concealed hinges. The two-component, central gasket seals provide excellent insulation for the space between the vent and the frame.

This system allows the application of double and triple IGUs, the thickness from 13/32" (10.5 mm) to 2 31/64" (63 mm) in operable windows, and from 1/16" (1.5 mm) to 2 1/8" (54 mm) in fixed windows and door leafs. Such a wide range of infill thickness allows for all typical and atypical glass panels. The MB-86 can be executed in the form of operable windows, fixed units, patio doors (regular and low aluminum threshold), entry door (inswing and outswing) or folding door.

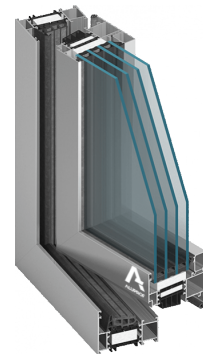
	MB-86 ST	MB-86 SI	MB-86 AERO
Frame Depth Fixed	3-1/32" , 77mm		
Frame Depth Operable	3-25/64" , 86mm		
UF	from .245 BTU/(h·ft ² ·°F)	from .162 BTU/(h·ft ² ·°F)	from .100 BTU/(h·ft ² ·°F)
Uw Fixed	from .136 BTU/(h·ft ² ·°F)	from .130 BTU/(h·ft ² ·°F)	from .127 BTU/(h·ft ² ·°F)
Uw Operable	from .158 BTU/(h·ft ² ·°F)	from .150 BTU/(h·ft ² ·°F)	from .140 BTU/(h·ft ² ·°F)
Max Window Width	5' 7" , 1700mm		
Max Window Height	9' 2-15/64" , 2800mm		
Max Door Width	4' 7-1/8" , 1400mm		
Max Door Height	9' 10-7/64" , 3000mm		



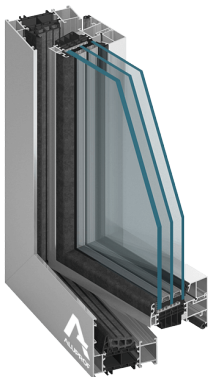
MB-86 ST



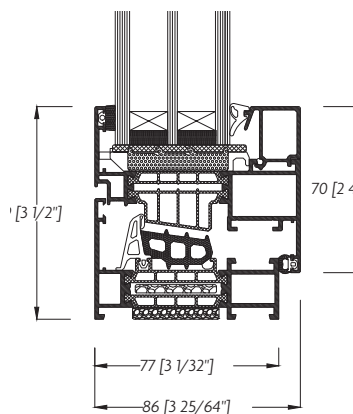
MB-86 SI



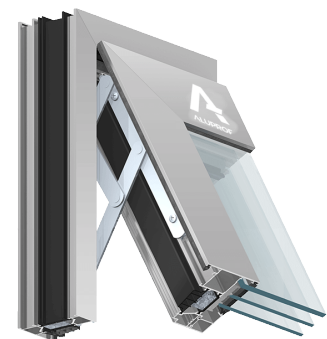
MB-86 AERO



MB-86 US



MB-86 SI



MB-86 Casement

Master Line 8 aluminum

MasterLine 8 is a high-quality window system that links countless design options to best-in-class performance and unrivaled production speed. This next generation of aluminum windows is available in three insulation levels to match any project demands: standard, HI and HI+. These innovative windows and doors are ideal for maximizing daylight while maintaining high insulation levels.

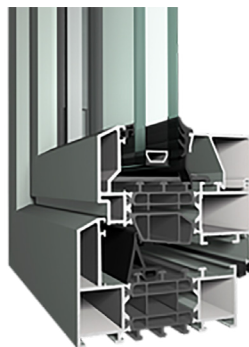
This system allows for double and triple IGUs, with thicknesses from 33/64" (13 mm) to 2 43/64" (68 mm) in operable windows, and from 5/32" (4 mm) to 2 9/32" (58 mm) in fixed windows and door leaves. Such a wide range of infill thickness guarantees the ability to apply all typical and atypical glass panels.

MasterLine 8 is suitable for operable windows, fixed units, patio doors (regular and low aluminum threshold), pivot doors, entry door (inswing and outswing). Hinges are available as exposed or concealed.

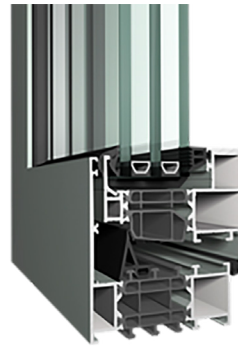
	Standard	HI	HI+
Frame Depth Fixed	3-1/32" , 77mm		
Frame Depth Operable	3-27/64" , 87mm		
UF	from .335 BTU/(h•ft ² •°F)	from .264 BTU/(h•ft ² •°F)	from .211 BTU/(h•ft ² •°F)
Uw Fixed	from .145 BTU/(h•ft ² •°F)	from .133 BTU/(h•ft ² •°F)	from .124 BTU/(h•ft ² •°F)
Uw Operable	from .172 BTU/(h•ft ² •°F)	from .152 BTU/(h•ft ² •°F)	from .137 BTU/(h•ft ² •°F)
Max Window Width	5' 6-59/64" , 1700mm		
Max Window Height	9' 2-15/64" , 2800mm		
Max Door Width	4' 7-1/8" , 1400mm		
Max Door Height	9' 10-7/64" , 3000mm		



Functional



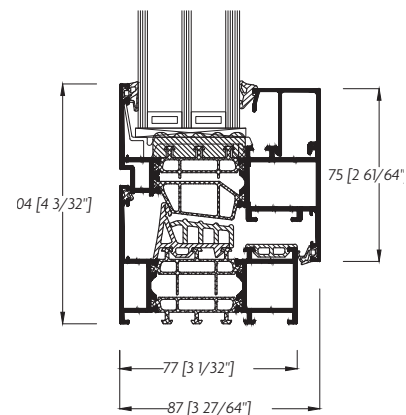
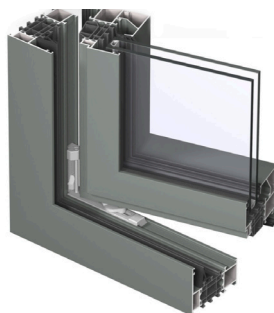
Deco



Hidden Vent



Renaissance



AWS/ADS 75.SI+ aluminum

The optimized Schüco AWS 75.SI+ (Super Insulation) standard window system for the 75 mm basic depth is part of the Schüco AWS system platform and forms the basis for a range of applications in energy-efficient building envelopes. Depending on the architectural requirements, this highly thermally insulated aluminum system can be used as a punched opening, ribbon window, facade insert unit or in combination with Schüco door systems.

AWS 75.SI+ allows application of double and triple IGUs, the thickness from 45/64" (18mm) to 2 13/32" (65 mm) in operable windows, and from 45/32" (18 mm) to 2 11/64" (55mm) in fixed windows and door leafs.

An additional benefit for architects and specifiers is the wide range of opening types such as tilt/slide vents, bottom-hung top lights or horizontal and vertical pivot vents. Hinges available as exposed or concealed.

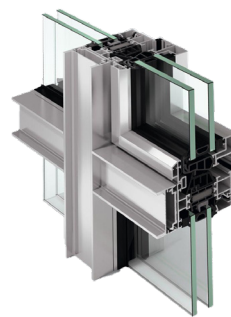
	75.SI+	AWS 75 BS.SI +
Frame Depth Fixed	2-61/64" , 75mm	
Frame Depth Operable	3-11/32" , 85mm	
UF	from .162 BTU/(h·ft ² ·°F)	from .229 BTU/(h·ft ² ·°F)
Uw	from .142 BTU/(h·ft ² ·°F)	from .158 BTU/(h·ft ² ·°F)
Max Window Width	5' 6-59/64" , 1700mm	4' 11-1/16" , 1500mm
Max Window Height	8' 2-27/64" , 2500mm	7' 2-39/64" , 2200mm
Max Door Width	4' 7-1/8" , 1400mm	
Max Door Height	9' 10-7/64" , 3000mm	



AWS 75 BS.HI+
hidden sash



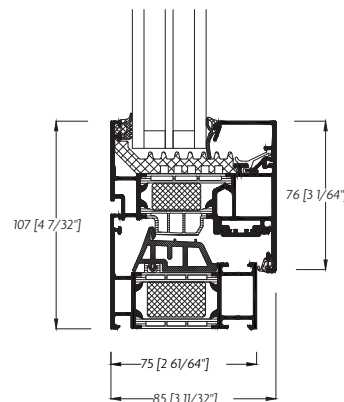
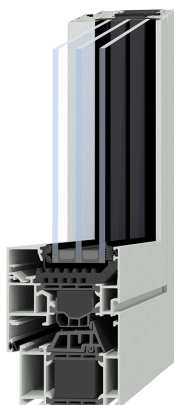
AWS 75 BS.SI+
hidden sash
super insulation



AWS 75 WF.SI+
window facade
super insulation



AWS 75 PD.SI+
panorama design
super insulation



AWS 75.SI+

AWS/ADS 90.SI+ aluminum

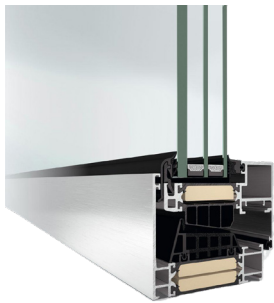
The Schüco AWS 90.SI+ (Super Insulation) window system meets structural requirements while offering design freedom – including optimized thermal insulation and passive house certification.

As part of the Schüco AWS modular system for the 3 35/64" (90 mm) basic depth, this aluminum window offers a wide array of design solutions in building envelopes. It can be configured as a punched opening, ribbon window or insert units in Schüco facades as well as in combination with Schüco door systems.

AWS 90.SI+ allows application of double and triple IGUs, the thickness from 1 7/64" (28mm) to 2 43/64" (68mm) in operable windows, and from 1 7/64" (28mm) to 2 31/64" (63mm) in fixed windows and door leaves. The wide range of opening types includes designs such as side-hung, turn/tilt and tilt/slide vents as well as barrier-free opening and double-vent units.

Hinges available as exposed or concealed.

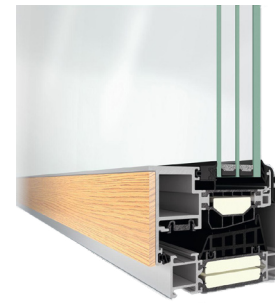
	90.SI+	AWS 90 BS.SI +
Frame Depth Fixed	3-35/64" , 90mm	
Frame Depth Operable	3-15/16" , 100mm	
UF	from .125 BTU/(h·ft ² ·°F)	from .169 BTU/(h·ft ² ·°F)
Uw	from .136 BTU/(h·ft ² ·°F)	from .148 BTU/(h·ft ² ·°F)
Max Window Width	5' 7" , 1700mm	
Max Window Height	8' 2-27/64" , 2500mm	7' 10-31/64" , 2400mm
Max Door Width	4' 7-1/8" , 1400mm	
Max Door Height	9' 10-7/64" , 3000mm	



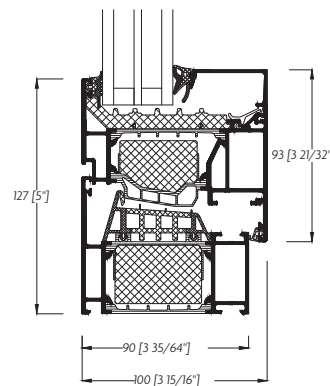
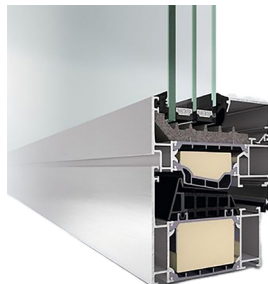
AWS 90 BS.SI+
block system (hidden sash)
super insulation



AWS 90 AC.SI
acoustic windows
super insulation



AWS 90 BS.SI+ WoodDesign
block system super insulated
with oak wood



AWS 90 SI+

Arte 2.0 steel

The Arte 2.0 is an innovative steel profile which answers the architects' need for most light and thinnest frames. Like the automotive industry, Jansen uses only galvanized cold rolled low carbon steel with a zinc-iron (ZF) layer as their basic material. The integrated weatherstrip groove simplifies and speeds up fabrication. A large selection of glazing beads are available in a variety of different materials.

The wide range of opening types makes replacing old windows with modern residential construction easy. This profile is available in fixed units, inward opening side-hung or bottom hung, outward opening side-hung, top-hung and projected to-hung, horizontal and vertical pivot windows, patio doors, entry doors and sliding doors.

Jansen Arte 2.0 allows application of double IGUs, the thickness from 25/32" (20mm) up to 1 27/32" (47mm) of Ug from .176 BTU/(h·ft²·°F).

Arte 2.0	
Frame Depth Fixed	2-23/64" , 60mm
Frame Depth Operable	2-37/64" , 66mm
UF	from .335 BTU/(h·ft ² ·°F)
Uw	from .264 BTU/(h·ft ² ·°F)
Max Window Width	3' 3-3/8" , 1000mm
Max Window Height	7' 10-31/64" , 2400mm



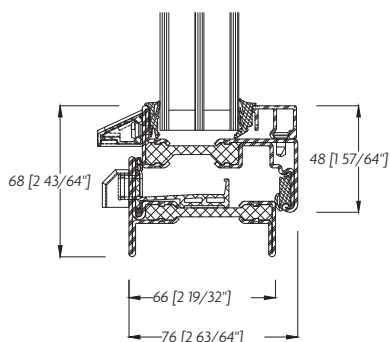
Arte 2.0
strip galvanized steel



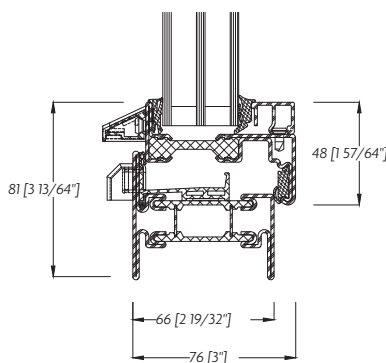
Arte 2.0 1.4401 (AISI 316)
stainless steel



Arte 2.0
corten steel



Option 1



Option 2

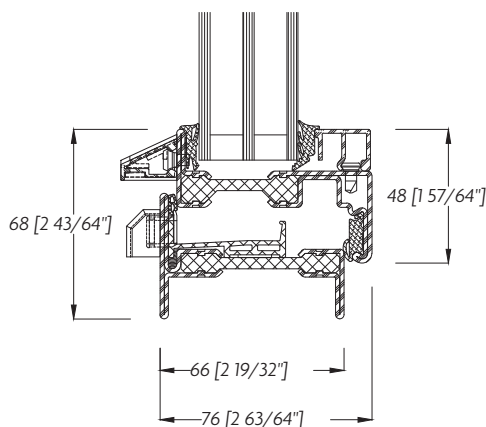
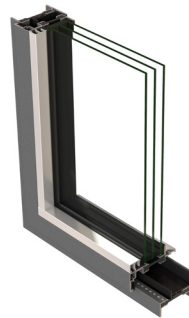
Arte 66 steel

Arte 66 is the slimmest steel tilt-turn window with triple glazing and multi point locking hardware. It is available in Steel, Stainless Steel and Corten Steel. Like the automotive industry, Jansen uses only galvanized cold rolled low carbon steel with a zinc-iron (ZF) layer as their basic material. With concealed fittings, they meet architects' and developers' demands for a uniform design and clear, uninterrupted sightlines. The Euro grooves make it easier for fabricators to install fittings, while the new glazing bead system facilitates installation of the panes. Fabrication with push-in gasket or dry glazing takes place in the usual way, as with the Janisol and Janisol Arte 2.0 steel profiles – this ensures a high level of process reliability.

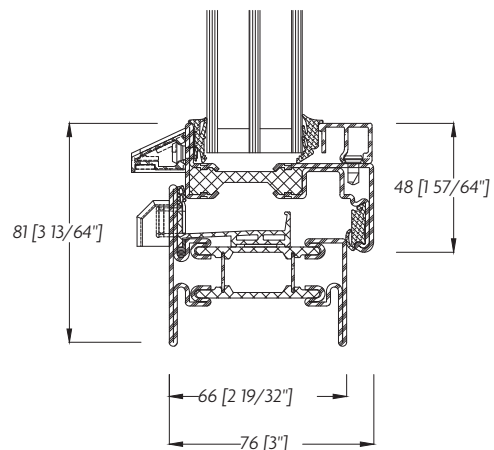
The Arte 66 allows application of double and triple IGUs, the thickness from 19/32" (15mm) up to 2 3/32" (53mm) of Ug from .088 BTU/(h·ft²·°F).

Arte 66 is suitable for inward opening side-hung, tilt-turn, tilt windows and fixed windows. It is compatible with Arte 2.0 products.

Arte 66	
Frame Depth Fixed	2-19/32" , 66mm
Frame Depth Operable	2-63/64" , 76mm
UF	from .282 BTU/(h·ft ² ·°F)
Uw	from .158 BTU/(h·ft ² ·°F)
Max Window Width	4' 7-1/8" , 1400mm
Max Window Height	7' 6-35/64" , 2300mm



Option 1



Option 2

Janisol steel

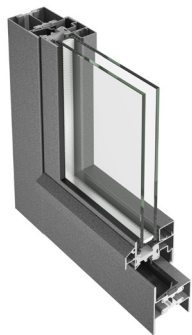
The slender profile face widths on the Janisol windows provide space for creativity and sleek design. Whether it is sash bar variants, arched windows or large-element glazing: the Janisol window system is particularly suitable for use in new buildings as well as existing structures.

Janisol allows application of double IGUs, the thickness from 35/64" (14mm) up to 1 27/32" (47mm) of Ug from .176 BTU/(h·ft²·°F).

Janisol's range of products is completed by a system-compatible and easy-to-install range of fittings (surface-mounted or concealed). This profile can be used for side-hung, turn-tilt, tilt only, horizontal pivot and double-vent windows, fixed windows, entry door, lift-slide door, bi-fold door, or combinations of the above.

The profile is available in hot-dip galvanized cold rolled low carbon steel with a zinc-iron (ZF) layer or 1.4401 (AISI 316) steel

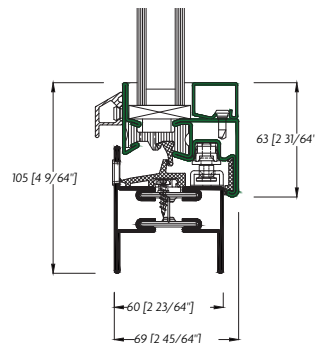
Janisol	
Frame Depth Fixed	2-23/64" , 60mm
Frame Depth Operable	2-11/16" , 68mm
UF	from .264 BTU/(h·ft ² ·°F)
Uw	from .228 BTU/(h·ft ² ·°F)
Max Window Width	4' 8-1/2" , 1435mm
Max Window Height	7' 6-35/64" , 2300mm



Janisol Strip
Galvanized Steel



Janisol Stainless
Steel



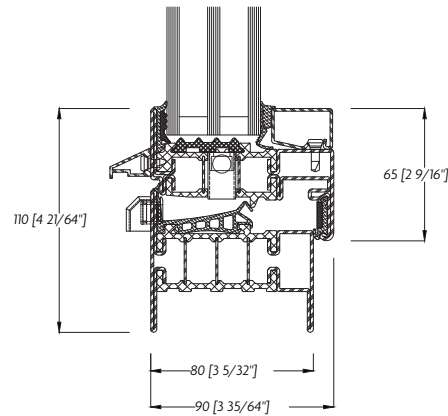
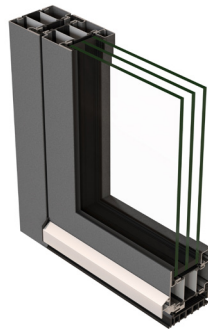
Janisol HI steel

Janisol HI windows combine aesthetics with refined technology. Slender profiles enhance the architectural styling while the innovative technology ensures the best possible thermal separation. With triple glazing, it is easy to achieve windows with excellent thermal conductivity coefficients (U_w), e.g. 0.69 W/m²K for fixed lights and 0.8 W/m²K for opening elements. Thanks to high-tech thermal break spacer bars made of glass fiber reinforced plastic, the new window system also benefits from excellent structural values and achieves top values in system tests (air/water/wind).

Janisol HI allows application of double and triple IGUs, the thickness from 15/16" (24mm) up to 2 41/64" (67mm) in operable windows and from 15/16" (24mm) up to 2 1/4" (57mm) in fixed units and door leaf, U-factor of .088 BTU/(h·ft²·°F).

This profile is suitable for inward opening side hinged, tilt-turn, tilt only and fixed windows, as well as entry doors. Hinges available as exposed or concealed.

	Janisol HI
Frame Depth Fixed	3-5/32" , 80mm
Frame Depth Operable	3-35/64" , 90mm
UF	from .130 BTU/(h·ft ² ·°F)
U_w	from .141 BTU/(h·ft ² ·°F)
Max Window Width	4' 11-1/16" , 1500mm
Max Window Height	9' 2-15/64" , 2800mm



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