EN 2017

GUTMANN

ALUMINIUM

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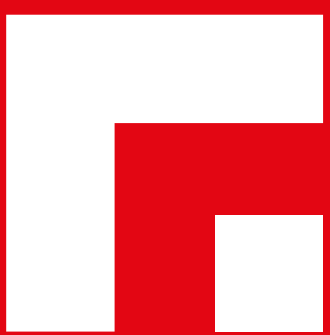
gutmann.de



GUTMANN

When a new reality emerges from an idea,
when plans evolve into facts,
when castles in the air become a dream house,
we are on the threshold of unlimited possibilities.

TURN IDEAS INTO TOMORROW'S REALITY.

Architecture thrives on ideas. GUTMANN building systems offer architects and planners the ability to employ windows, doors and curtain walls in the way the structural concept anticipates. No matter whether the focus is on public or private use. Supporting their creativity and finding extraordinary solutions are a special motivation for us. Unlike any other system manufacturer, GUTMANN relies on the modularity, versatility and compatibility of their products.

GUTMANN window, door and curtain wall systems meet all of the requirements of modern architecture, and are characterised by their innovative structural details. The thermally insulated aluminium profiles with their modern, filigree appearance provide custom solutions for both residential and commercial buildings. The versatility of our products not only finds expression in the materials used. Different profile shapes and the almost unlimited possibilities of surfaces and color finishes increase this exponentially.

Kreishaus | Aachen

CONCEPTS BECOME FACTS.

Partners trust each other. And facts create trust. As your partner, we provide you with complete solutions from one source. You can count on the advice of our technical experts from the very beginning. The dialogue with our existing and prospective customers is one of the pillars of our service quality. As different as their requirements may be, the solutions are just as manifold. GUTMANN also develops custom solutions for more complex requirements.

In the process, our systems meet and exceed German and international standards. Extensive stock and highly efficient logistics ensure fast delivery. When you deal directly with the customer, you must be able to count on promises being kept. Our employees form a capable team whose high levels of expertise and innovative energy can be counted on at all times.

Airport Nuremberg

WHAT DOES YOUR DREAM HOUSE LOOK LIKE?

A castle in the air knows no compromise. But if it is to become a real home, that is, when decisions are made, certain factors such as functionality, design or energy efficiency are decisive for the owner. How many compromises are you willing to make? What do you find important?

Windows, doors and exterior walls separate the residential interior from the external climate and are vital parts of the building envelope. They allow sunlight and heat into the space and keep out wind, rain, cold and noise.

Cumulative external influences such as heat, cold, UV radiation and water shorten the lifespan of a house. Windows, doors and exterior walls must therefore meet the highest quality requirements.

GUTMANN building systems satisfy these demands and also offer you maximum design freedom. No matter how individual and exceptional your wishes may be, we have the right system for your dream house. In practically every color, every conceivable design and for every purpose.

Simply make your dream come true.

Private House | Dresden-Plauen

Sebald Kontore | Nuremberg

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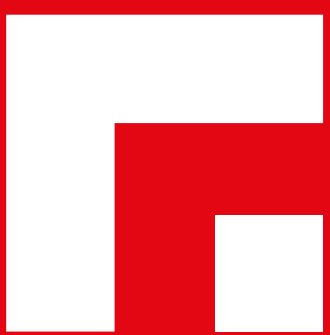


GUTMANN

WINDOW SYSTEMS

GUTMANN MIRA

NOLL Tower | Freiburg

WOOD-ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

The GUTMANN MIRA system can be executed in double, single and pitched rebate construction.

› The profiles are available with radiused visible edges or an angular design for special architectural requirements.

› A wide range of transom and mullion profiles for optimal profile joints and optimized structural connections round out the product line.

› Thanks to proven fastening technology, the system impresses with installation-friendly and, above all, economic fastening of the aluminium shells to the wooden part.

› In addition, the available plinth heights enable compensation for different wood projections.

› A wide selection of gaskets provides the optimum solution for every area of application.

› Execution as a composite sash assembly, sash variant or pitched rebate assembly provides additional window design options. The frames are available in either a welded version or a version with robust punched corner connections.

SYSTEM PROPERTIES OF CLASSES

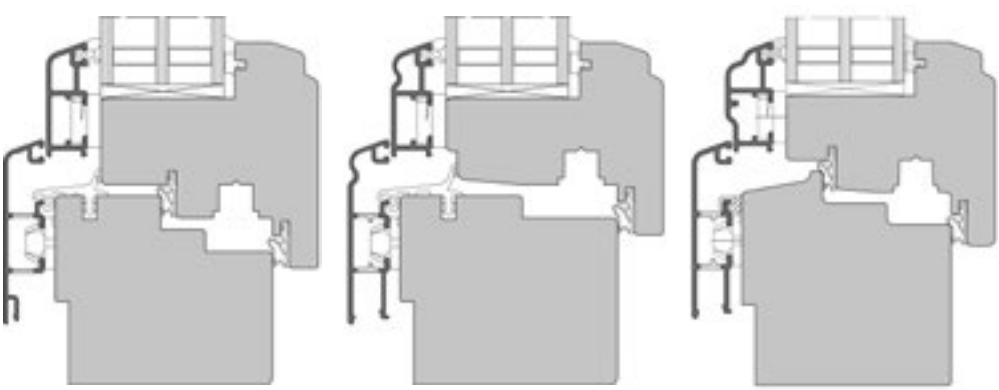
Water tightness	9A	Wind load	C3/B3
Air permeability	4	Operating forces	1

Test sample: Double-sashed tilt & turn window with operable center section (2,200 mm x 2,200 mm)
Test report 101 35020/4

THERMAL INSULATION

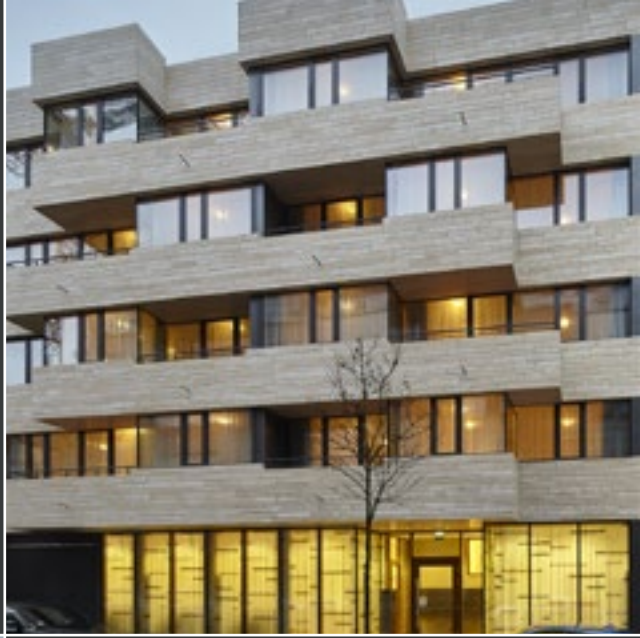
[1] Element size: 1,230 x 1,480 mm | Wood species: Spruce | Wood thickness: 68 mm | Ug value: 0.6 W/m²K | Glass spacer: Thermix TX.N plus

SYSTEM CROSS SECTION



Double rebate construction | Single rebate construction | Pitched rebate construction

GUTMANN MIRA contour



Residence Nicolas Wies | Luxembourg

WOOD-ALUMINIUM

WINDOW SYSTEM

SYSTEM DESCRIPTION

The GUTMANN MIRA contour system can be executed in single, double and pitched rebate construction.

› The GUTMANN MIRA contour can be inserted in the GUTMANN MIRA system as the standard wood cross section in the classical style for an offset appearance.

› Use of the VFM sash enables flush construction without any change in the standard wood sash cross section in the GUTMANN MIRA system.

› The narrow sash faces round out the system.

› The accessory range from the GUTMANN MIRA system can be processed without restriction.

› The frame connections are welded or available with robust punched corner connections.

SYSTEM PROPERTIES OF CLASSES

Water tightness	9A	Wind load	C3/B3
Air permeability	4	Operating forces	1

Test sample: Double-sashed tilt & turn window with operable center section (2,200 mm x 2,200 mm)
GAS 15537808 from test report 10135020/4

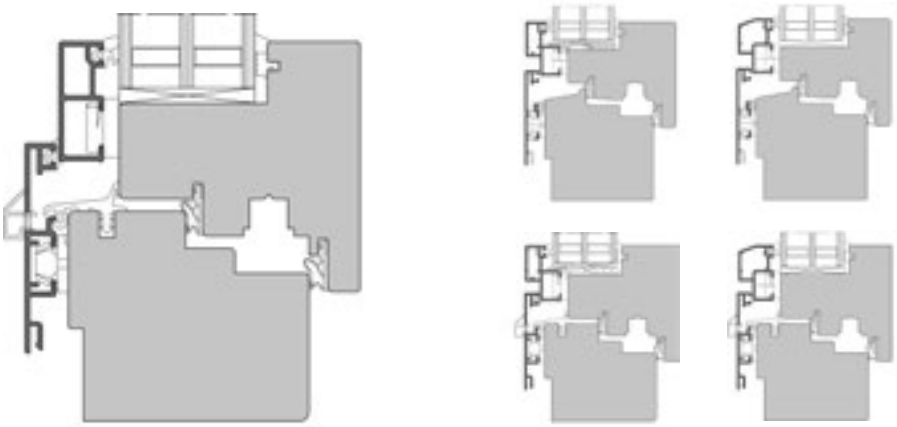
THERMAL INSULATION

U_f — 1,1

$U_{w\ triple}$[1] — 0,87

[1] Element size: 1,230 x 1,480 mm | Wood species: Spruce | Wood thickness: 68 mm | Ug value: 0.6 W/m²K | Glass spacer: Thermix TX.N plus

SYSTEM CROSS SECTION



GUTMANN MIRA contour integral

Apartment and Office Building | Münster

WOOD-ALUMINIUM

WINDOW SYSTEM

SYSTEM DESCRIPTION

The GUTMANN MIRA contour integral system can be executed in single, double and pitched rebate construction.

› With minor changes in the wood sash, the GUTMANN MIRA contour integral can be placed on the offset wood cross section of the GUTMANN MIRA system in the classical style.

› With small radii on the visible edge, the profiles display clear lines.

› The system is characterized by narrow frame faces with concealed sashes.

› The accessory range from the GUTMANN MIRA system can be used without restriction.

SYSTEM PROPERTIES OF CLASSES

Water tightness	9A	Wind load	C3/B3
Air permeability	4	Impact resistance	4

Test sample: Double-sashed tilt & turn window with operable center section (2,200 mm x 2,200 mm)
GAS 15537808 from test report 102/41962

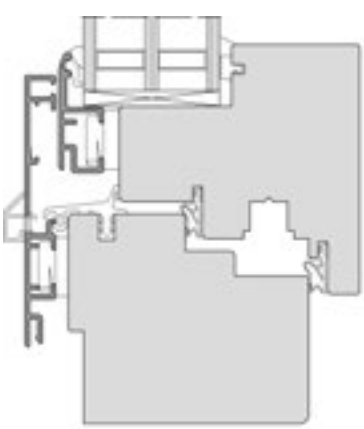
THERMAL INSULATION

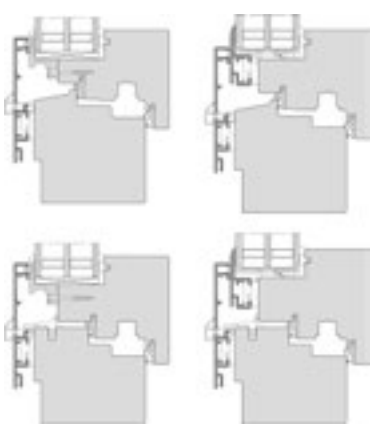
U_f — 1,1

$U_{w\ triple}$[1] — 0,87

[1] Element size: 1,230 x 1,480 mm | Wood species: Spruce | Wood thickness: 68 mm | Ug value: 0.6 W/m²K | Glass spacer: Thermix TX.N plus

SYSTEM CROSS SECTION





GUTMANN MIRA contour integral 50

WOOD-ALUMINIUM

WINDOW SYSTEM

SYSTEM DESCRIPTION

Commercial curtain wall system with the reduced facing width of 50 mm.

- The GUTMANN MIRA contour integral 50 system is available as a double, single or angled rebate.
- Profiles create clear lines thanks to small radii on exposed edges.
- System characterised by slim frame facings with halfconcealed sash.
- Impressive thermal insulation.
- Unrestricted compatibility with GUTMANN MIRA system accessory range.

SYSTEM PROPERTIES OF CLASSES

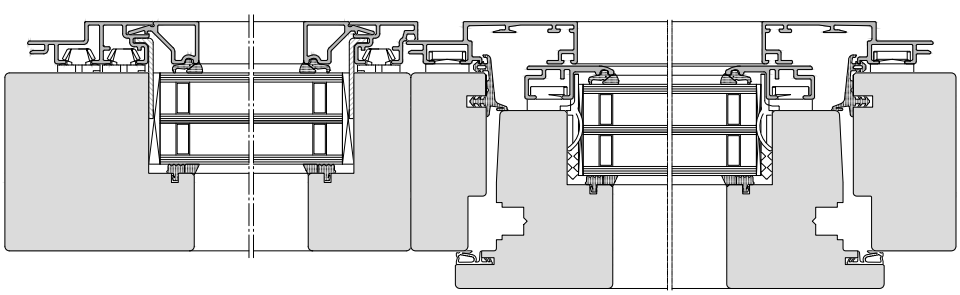
Water tightness	9 A	Wind load	C 3/B 3
Air permeability	4	Impact resistance	5

Test sample: Double-sashed tilt & turn window with operable center section (2,200 mm x 2,200 mm)
GAS 15537808 from test report 102/41962

THERMAL INSULATION

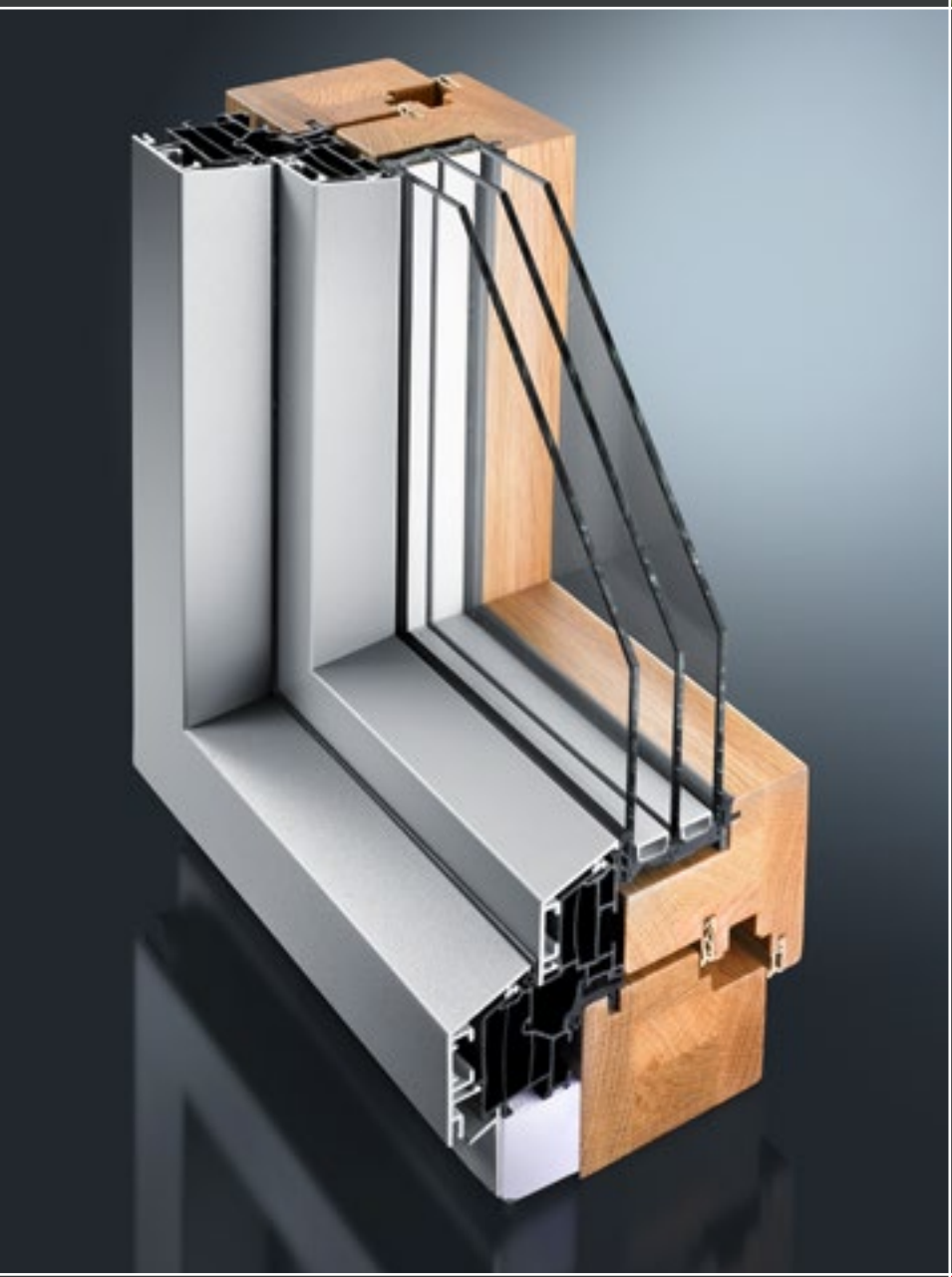
[1] Element size: 1,230 x 1,480 mm | Wood species: Spruce | Wood thickness: 68 mm | Ug value: 0.6 W/m²K | Glass spacer: Thermix TX.N plus

SYSTEM CROSS SECTION



GUTMANN MIRA therm 08

Day-Care Center for Children | Wittlich



WOOD-ALUMINIUM

WINDOW SYSTEM

SYSTEM DESCRIPTION

The system is assembled on the standard MIRA wood cross section.

- Very good thermal insulation technical properties.
- In combination with a triple-glazed pane (Ug = 0.7 W/m²K) and a 68 mm or 78 mm wood cross section (fir frame material) that only requires addition of an insulating core in the frame, the further development of the MIRA therm 08 is passive house certified.
- The structure is based on the principle of a rear-ventilated attachment shell secured by a PVC bracket.
- The thermally insulated MIRA therm 08 system profiles may be ordered in production lengths (6,000 mm) or as frames with welded or punched corner connections.

SYSTEM PROPERTIES OF CLASSES

Water tightness	9A	Wind load	C2/B3
Air permeability	4	Impact resistance	4

Test sample: Double-sashed tilt & turn window with operable center section (2,200 mm x 2,200 mm)
Test report 102 38329/1

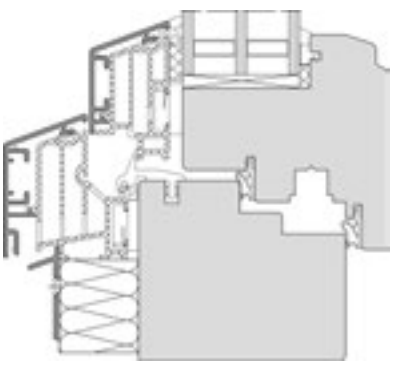
THERMAL INSULATION

U_f — 0,93

U_w triple[1] — ≤ 0,80

[1] Element size: 1,230 x 1,480 mm | Wood species: Spruce | Wood thickness: 68 mm | Ug value: 0.6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION



GUTMANN NORDWIN

WOOD-ALUMINIUM

WINDOW SYSTEM

SYSTEM DESCRIPTION

The NORDWIN aluminium system can be installed without alteration of the wood cross section.

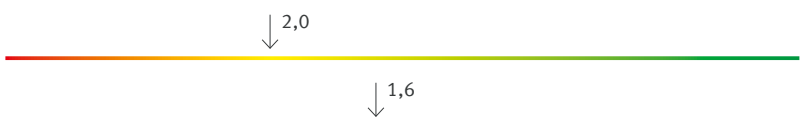
- Additional time-consuming and expensive processing of glazing strips is omitted because the aluminium sash profile replaces the glazing strip.
- Aluminium frames are installed bay by bay in a multipart window, which permits rational assembly of the aluminium windows.
- Mullions, transoms, fixed glazing, double rebate and element linkage can be carried out easily.
- With small radii on the visible edge, the profiles display clear lines.
- GUTMANN NORDWIN can be processed with the accessory range from the GUTMANN MIRA system without restriction.

SYSTEM PROPERTIES OF CLASSES

Water tightness	9 A	Wind load	C 4/B 4
Air permeability	4		

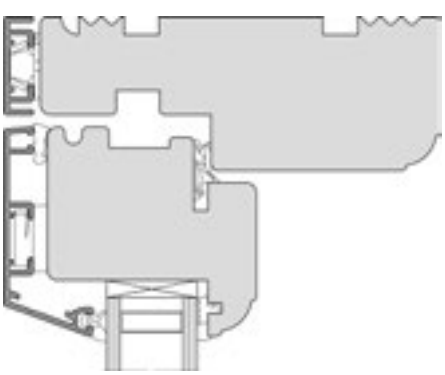
Test sample: Single sash top-hung window with fixed side glazing, outward opening (1,600 mm x 1,200 mm)
Test report 102 367 46/12

THERMAL INSULATION

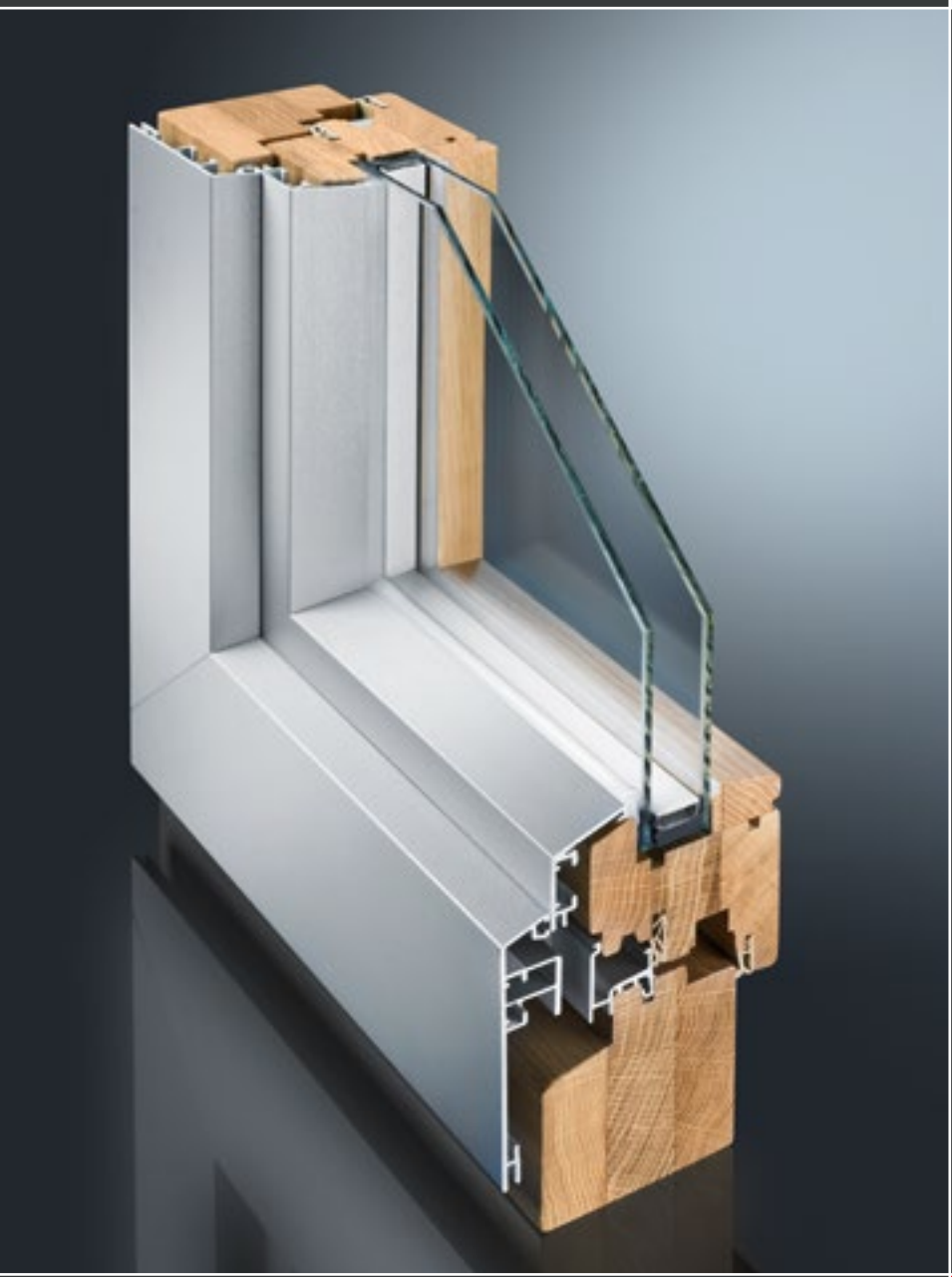


[1] Element size: 1,230 x 1,480 mm | Ug value: 1.1 W/m²K | Glass spacer: Aluminium

SYSTEM CROSS SECTION



GUTMANN CORA



WOOD-ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

The GUTMANN CORA system can be executed in single, double and pitched rebate construction.

› The CORA wood-aluminium system is based on the basic construction for standard IV 68 wood windows with wood thickness of 68 mm at the sash and frame. No special investment in special milling tools is therefore necessary for production of the wood frame.

› The glass is taken up completely in the wood rebate. This provides excellent protection from heat loss at the edge of the insulating glass. Glass may be exchanged by releasing the glass beads on the inside.

› The aluminium shell is a weatherproof structure and an architectural element, which can be designed in any color. The wood frame provides stability, excellent insulation and gives the home a pleasant, comfortable character.

› The aluminium frames have rear ventilation and are fastened to the wood with durable clips: the wood is therefore able to breathe and the aluminium frame can expand without restraint during temperature fluctuations.

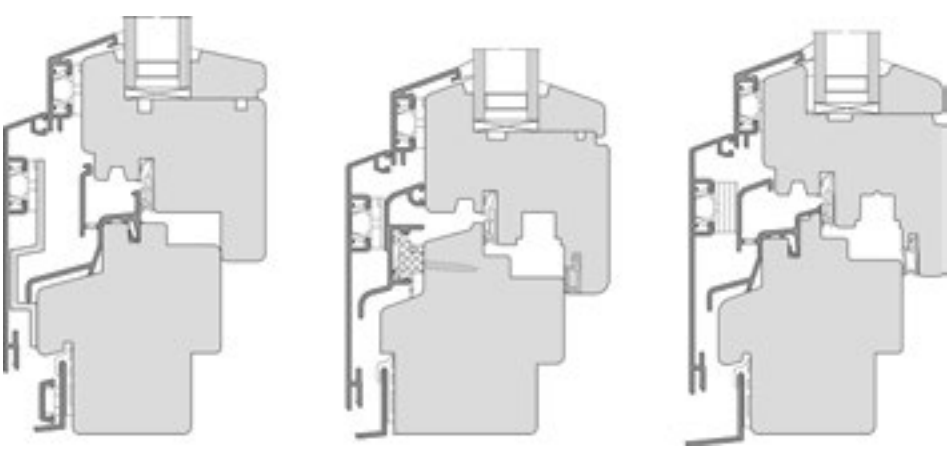
› Coordinated profile widths enable continuous frame outer edges for perfect connections to walls and plaster.

› With variable profiles, couplings and installation-friendly production segments, efficient construction can be easily carried out.

SYSTEM PROPERTIES OF CLASSES / THERMAL INSULATION

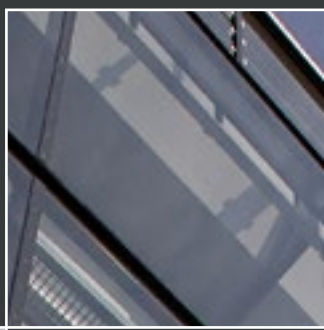
All properties such as thermal insulation, noise protection and tightness of the wood window system being used are derived from the aluminium face shells.

SYSTEM CROSS SECTION



GUTMANN S50u

Gmünder Health Insurance Company |
Schwäbisch Gmünd



ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

The window series GUTMANN S50u is the universal profile system for separating walls and wall-units in the interior of buildings. With an installation depth of 50 mm, the focus is directed on cost-effectiveness, time and money savings due to efficient production, as well as optimized stock-keeping.

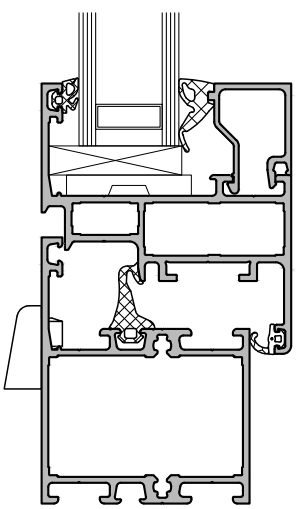
› Frame profile depth: 50 mm | Sash profile depth: 60 mm.

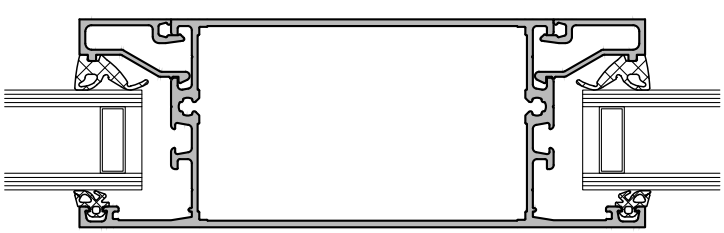
› System is compatible with the S 70+ series including gaskets and accessories.

› Interior glazing gaskets flush with aluminium profile.

› Window opening variations: Turn & Tilt/Turn/Tilt/Top-Hung/Parallel-Sliding-Tilt; all with EURO groove DIN L+R.

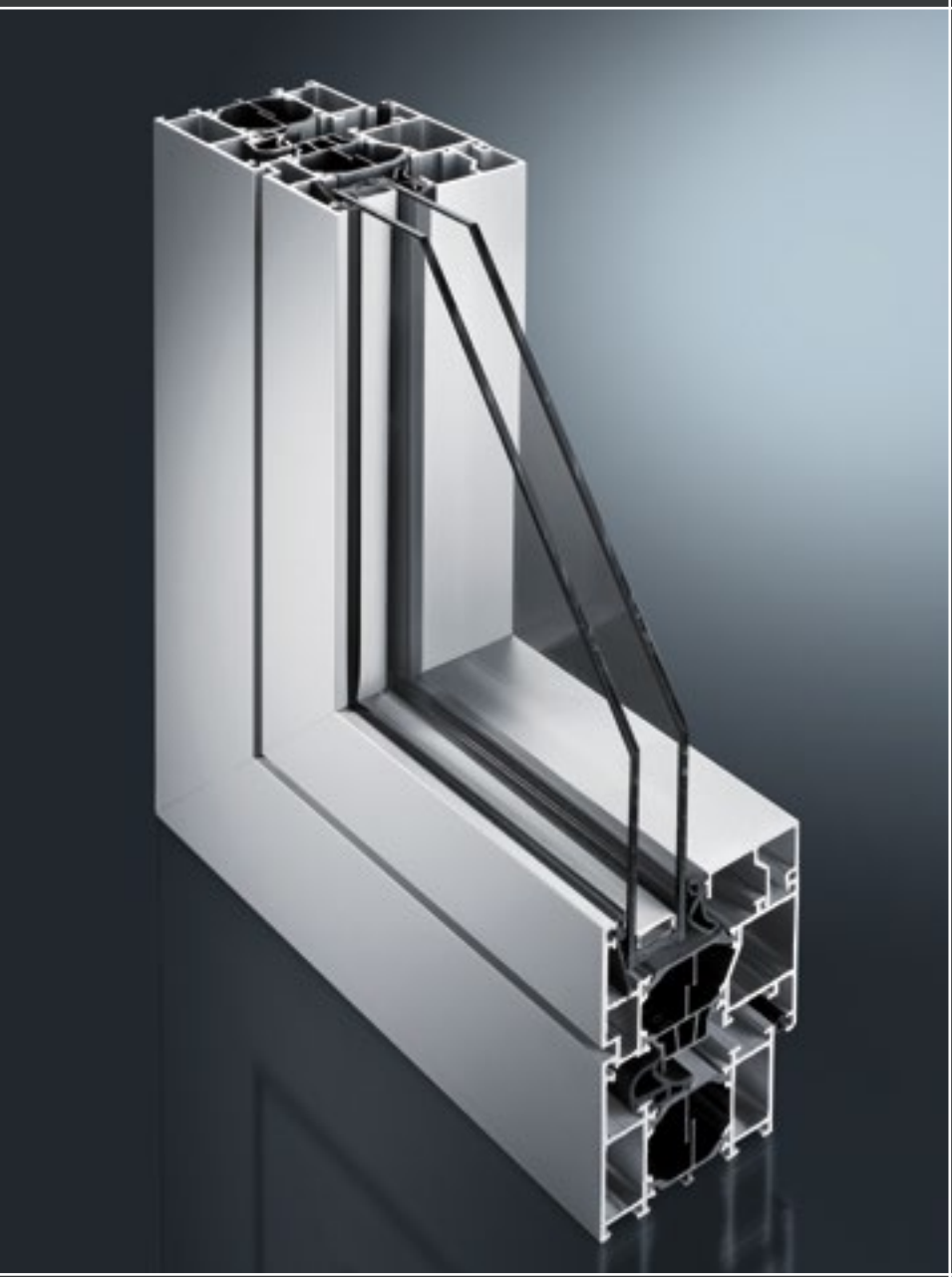
SYSTEM CROSS SECTION





GUTMANN S70+

Rohan | Prague, Czech Republic



ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

Standard window in the 70 mm series with good Insulation of U_f = 1.9 W/m²K.

› Symmetrical, stable structural design with identical corner and T connectors.

› Thermally and structurally optimised Winglet insulators with high-strength PA 6.6 fiberglass technology.

› Euro groove for free choice of hardware.

› Surface mounted fittings up to sash weights of 300 kg; concealed fittings up to 180 kg.

› Face width from 98 mm for tilt & turn windows.

› Soundproofing up to 47 dB (SSK 5).

› Burglar resistance RC 1N, RC 2 and RC 3 in accordance with DIN EN 1627.

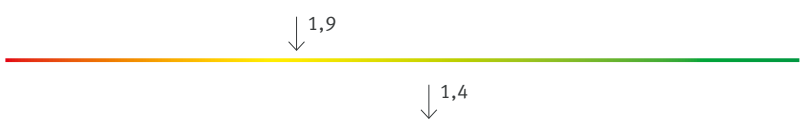
› Glass up to 60 mm in the sash, 50 mm in the fixed panel.

SYSTEM PROPERTIES OF CLASSES

Water tightness	E1200	Wind load	C 5/B 5
Air permeability	4	Operating forces	2

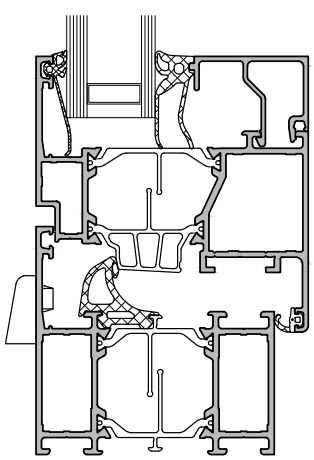
PB 10-00509-PB01-A01-02-de-01 | Element size: 1,172 x 2,800 mm with fixed panel

THERMAL INSULATION



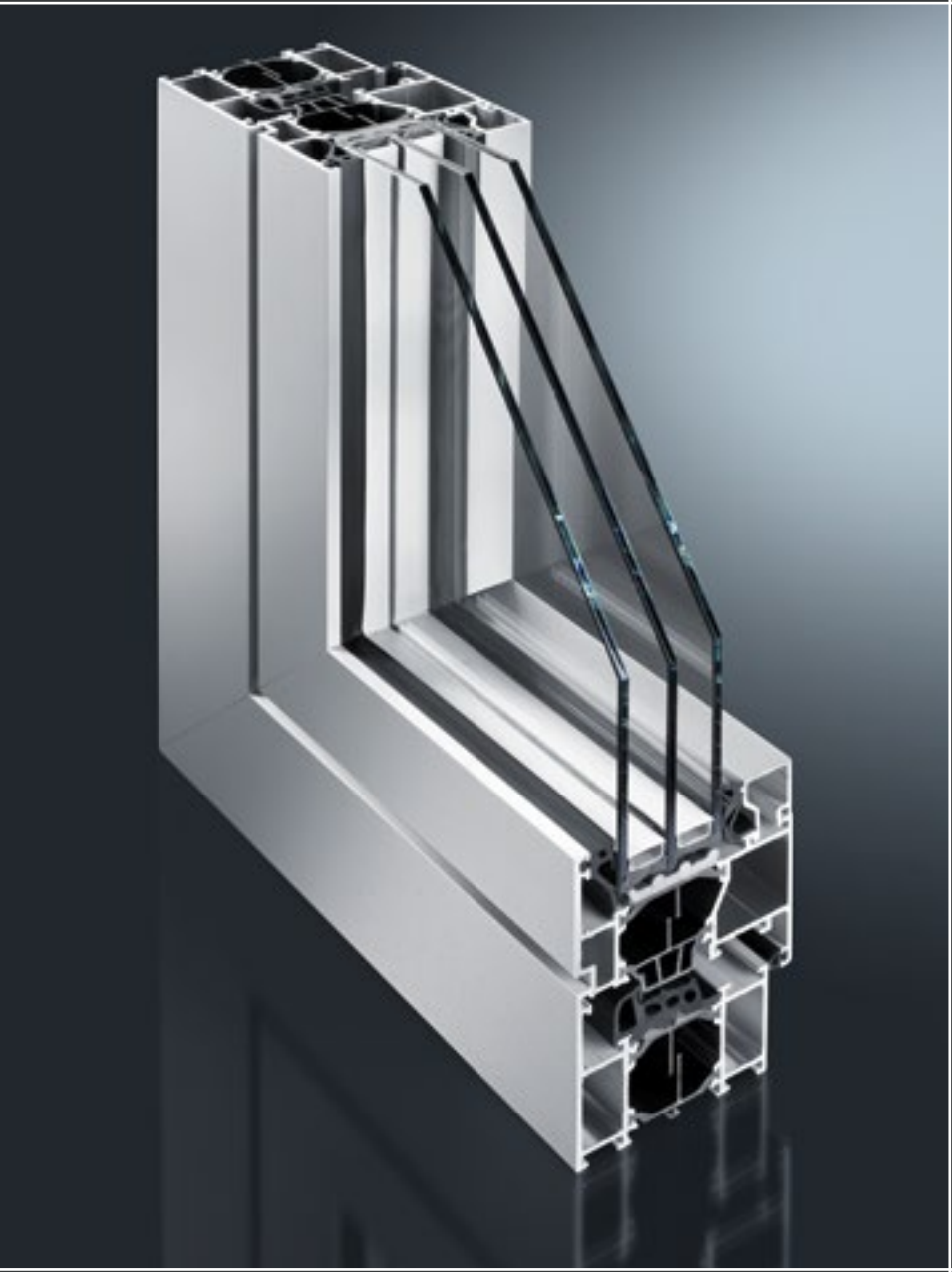
[1] Element size: 1,230 x 1,480 mm | Ug value: 1.0 W/m²K | Glas spacer: Thermix TX.N plus

SYSTEM CROSS SECTION



GUTMANN S70+HW

GLEIS 1 | Kreuzlingen, Switzerland



ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

Premium window in the 70 mm series with peak value of U_f = 1.4 W/m²K.

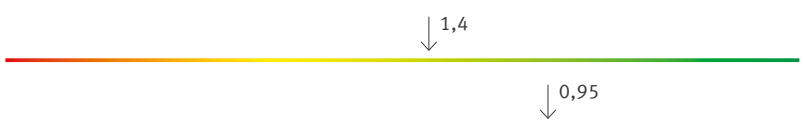
- Symmetrical, stable structural design with identical corner and T connectors.
- 4-chamber coextruded hollow chamber central gasket, glass rebate Insulation inserts and 9 mm thick, external glazing system gasket for improvement of frame thermal Insulation (HW = highly insulated).
- Surfaces mounted fittings up to sash weights of 300 kg; concealed fittings up to 180 kg.
- Glass up to 55 mm in the sash, 45 mm in the fixed panel.
- Soundproofing up to 47 dB (SSK 5).
- Burglar resistance RC 1N, RC 2 and RC 3 in accordance with DIN EN 1627.
- Face width from 98 mm for tilt & turn windows.
- Euro groove for free choice of hardware.

SYSTEM PROPERTIES OF CLASSES

Water tightness	E1350	Wind load	C 5/B 5
Air permeability	4	Operating forces	2

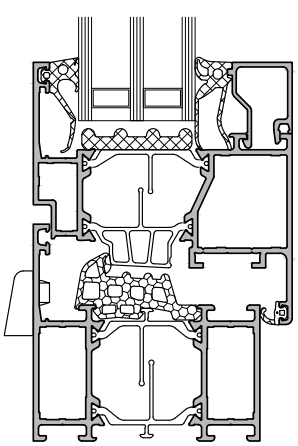
PB 10-00509-PB03-A01-0203-de-01 | Element size: 2,278 x 2,472 mm (double sash french window)

THERMAL INSULATION



[1] Element size: 1,230 x 1,480 mm | Ug value: 0.6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION



GUTMANN S70v+

Serdika Shopping Center | Sofia, Bulgaria

ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

Standard window in the 70 mm series with concealed sash and good insulation of $U_f = 2.1\ W/m^2K$.

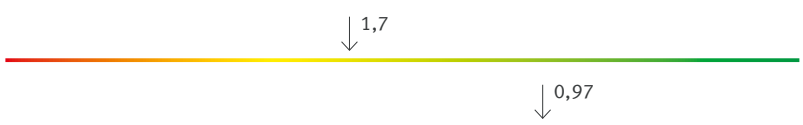
- Symmetrical, stable structural design with identical corner and T connectors.
- Thermally and structurally optimised winglet insulators with high-strength PA 6.6 fiberglass technology.
- Glass bead made from reinforced PA 6.6.
- Euro groove for free choice of hardware.
- Surface mounted fittings up to sash weights of 300 kg; concealed fittings up to 180 kg.
- Face width from 71 mm for tilt & turn windows.
- Use of glass up to 46 mm in sash.
- Soundproofing up to 47 dB (SSK 5).
- Burglar resistance RC 1N, RC 2 and RC 3 in accordance with DIN EN 1627.

SYSTEM PROPERTIES OF CLASSES

Water tightness	E1200	Wind load	C 5/B 5
Air permeability	4	Operating forces	2

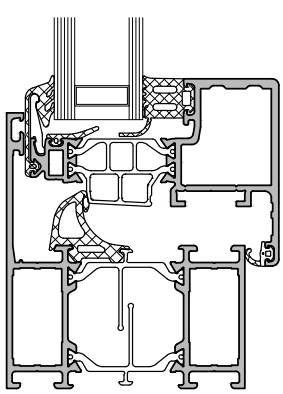
PB 10-00509-PB03-A01-0203-de-01 | Element size: 2,278 x 2,472 mm (double sash french window)

THERMAL INSULATION



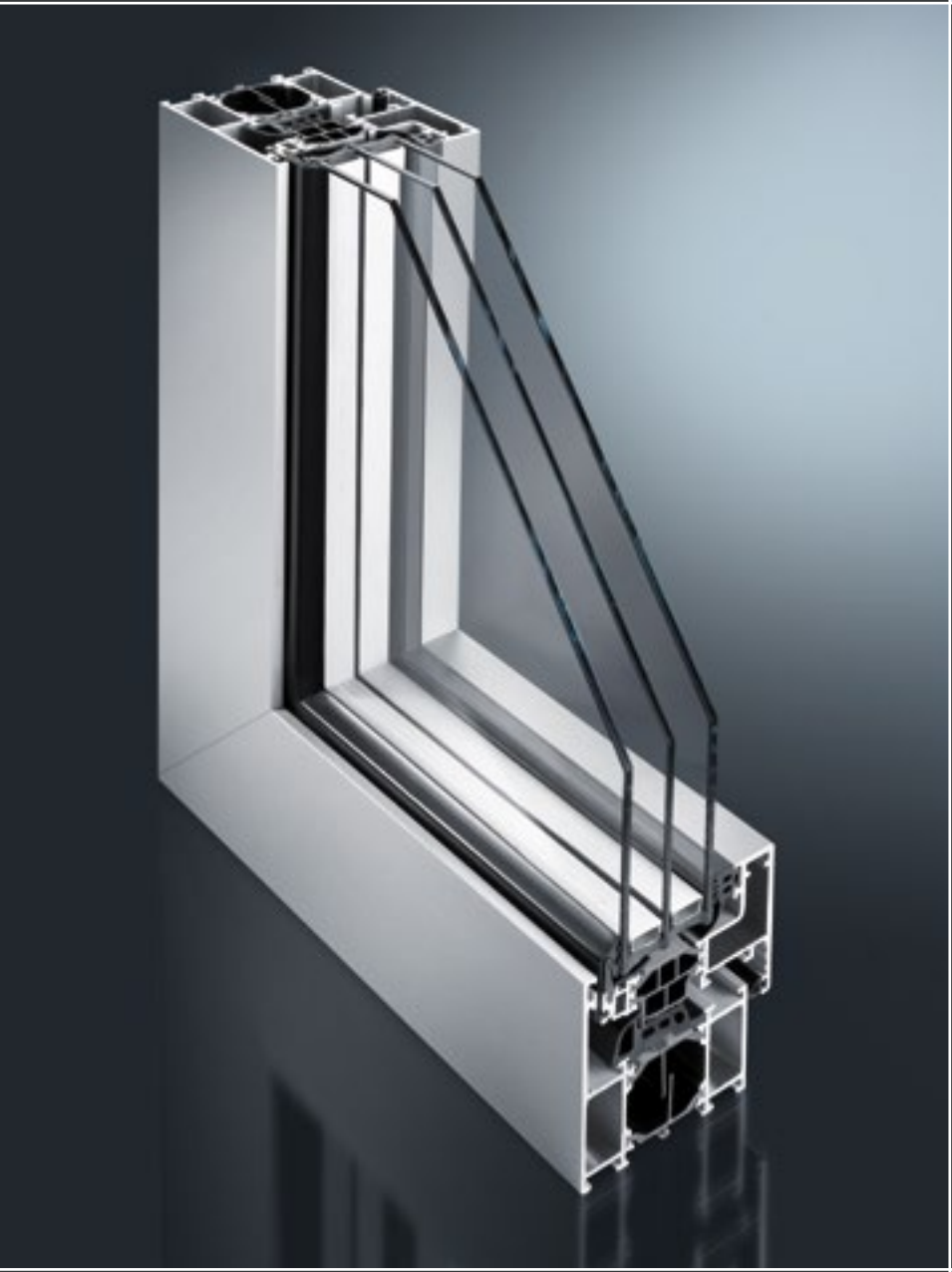
[1] Element size: 1,230 x 1,480 mm | Ug value: 1.0 W/m²K | Glass spacer: Thermix TX.N plus

SYSTEM CROSS SECTION



GUTMANN S70v+HW

Business Park PARADIES | Lyssach, Switzerland



ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

Premium window in the 70 mm series with concealed sash and peak value of U_f = 1,7 W/m²K.

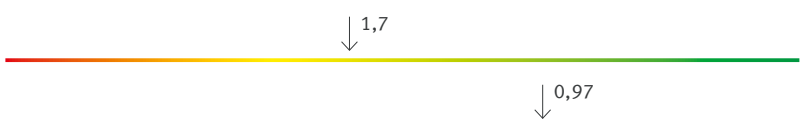
- 4 chamber, coextruded hollow-chamber central gasket, glass rebate Insulation for improved thermal Insulation of the frame (HW = highly insulated).
- Symmetrical, stable structural design with identical corner and T connectors.
- Thermally and structurally optimized winglet insulators with high-strength PA 6.6 fiberglass technology.
- Glass bead made from reinforced PA 6.6.
- Euro groove for free choice of hardware
- Surface mounted fittings up to sash weights of 300 kg; concealed fittings up to 180 kg.
- Face width from 71 mm for tilt & turn windows.
- Use of glass up to 46 mm in sash.
- Soundproofing up to 47 dB (SSK 5).
- Burglar resistance RC 1N, RC 2 and RC 3 in accordance with DIN EN 1627.

SYSTEM PROPERTIES OF CLASSES

Water tightness	E1200	Wind load	C 5/B 5
Air permeability	4	Operating forces	2

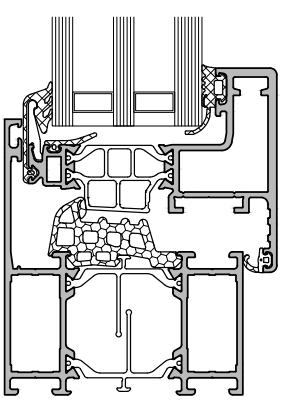
PB 10-00509-PB03-A01-0203-de-01 | Element size: 2,278 x 2,472 mm (double sash french window)

THERMAL INSULATION



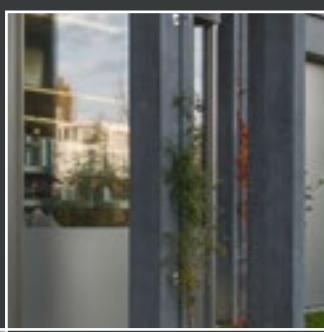
[1] Element size: 1,230 x 1,480 mm | Ug value: 0,6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION



GUTMANN S80+HW

Blumenrain | Switzerland



ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

Premium window in the 80 mm series with peak value of U_f = 1.0 W/m²K, based on the S70+ window series with identical half-shells and accessories.

- 5 chamber, coextruded hollow-chamber central gasket, glass rebate insulation for improved thermal Insulation of the frame (HW = highly insulated).
- Symmetrical, stable structural design with identical corner and T connectors.
- Thermal and structural high-end insulators in GUTtherm material technology.
- Euro groove for free choice of hardware.
- Surface mounted fittings up to sash weights of 300 kg; concealed fittings up to 180 kg
- Face width from 98 mm for tilt & turn windows.
- Glass up to 65 mm in the sash, 55 mm in the fixed panel.
- Soundproofing up to 47 dB (SSK 5).
- Burglar resistance RC 1N, RC 2 and RC 3 in accordance with DIN EN 1627.

SYSTEM PROPERTIES OF CLASSES

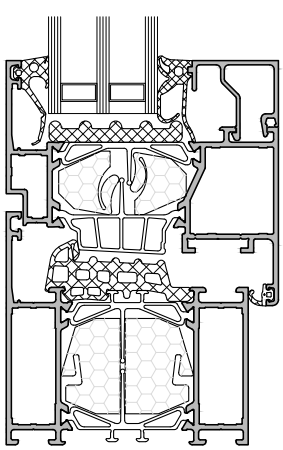
Water tightness	E1050	Wind load	C 5/B 5
Air permeability	4	Operating forces	1

PB 12-00 2023 ff

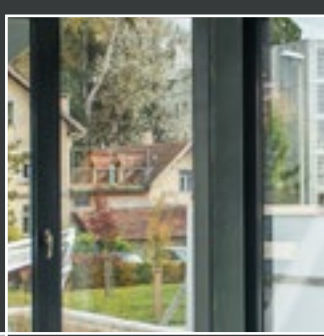
THERMAL INSULATION

¹ Element size: 1,230 x 1,480 mm | Ug value: 0.6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION



GUTMANN S80+HW
Passive



ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

Passive house window system in the 80 mm series with peak value of $U_f \leq 0.96$ W/m²K, based on the S70+ window series with identical half-shells and accessories.

- Passive house viability in accordance with IFT directive WA-15/2, in combination with the required service ability.
- 5 chamber, coextruded hollow-chamber central gasket, glass rebate insulation for improved thermal Insulation of the frame (HW = highly insulated).
- Symmetrical, stable structural design with identical corner and T connectors.
- Thermal and structural high-end insulators in GUTtherm material technology.
- Euro groove for free choice of hardware.
- Surface mounted fittings up to sash weights of 300 kg; concealed fittings up to 180 kg.
- Glass up to 65 mm in the sash, 55 mm in the fixed panel.
- Burglar resistance RC 1N, RC 2 and RC 3 in accordance with DIN EN 1627.

SYSTEM PROPERTIES OF CLASSES

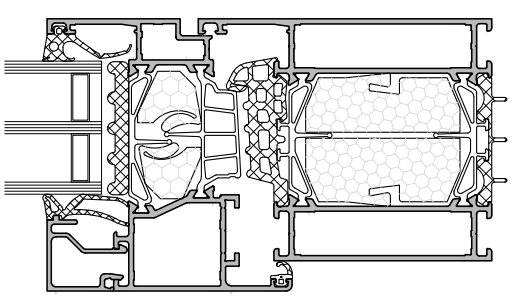
Water tightness	E1050	Wind load	C 5/B 5
Air permeability	4	Operating forces	1

PB 12-00 2023 ff

THERMAL INSULATION

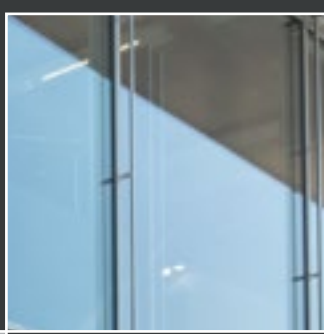
[1] Element size: 1,230 x 1,480 mm | Ug value: 0.6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION



GUTMANN S80v+HW

HUG | Switzerland



ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

Premium window in the 80 mm series with concealed sash and peak value of U_f = 1.3 W/m²K.

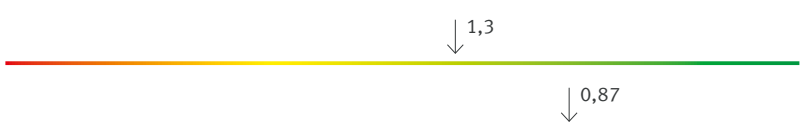
- 5 chamber, coextruded hollow-chamber central gasket, glass rebate Insulation for improved thermal Insulation of the frame (HW = highly insulated).
- Symmetrical, stable structural design with identical corner and T connectors.
- Thermal and structural high-end insulators in GUTtherm material technology.
- Glass bead made from reinforced PA 6.6.
- Euro groove for free choice of hardware.
- Surface mounted fittings up to sash weights of 300 kg; concealed fittings up to 180 kg.
- Face width from 71 mm for tilt & turn windows .
- Glass up to 56 mm in the sash, 55 mm in the fixed panel.
- Soundproofing up to 47 dB (SSK 5).
- Burglar resistance RC 1, RC 2 and RC 3 in accordance with DIN EN 1627.

SYSTEM PROPERTIES OF CLASSES

Water tightness	E1050	Wind load	C 5/B 5
Air permeability	4	Operating forces	1

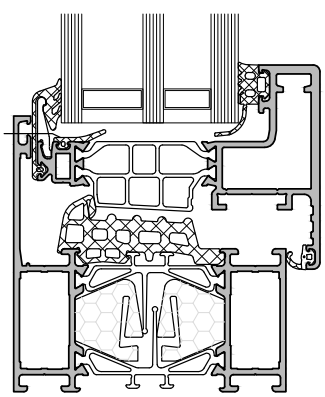
PB 12-00 2023 ff

THERMAL INSULATION



¹ Element size: 1,230 x 1,480 mm | Ug value: 0.6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION



GUTMANN SKYLIGHT

ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

Compatible with GUTMANN facade system F50+ / F60+ GUTMANN offers a new skylight convincing with its reliable function and appealing appearance. The narrow design and a concealed sash, ensure the highest possible incident of light creating a friendly atmosphere in the living room even on gloomy days.Triple glazed insulating glass with a thickness of up to 52 mm is now also provided.

- The system of the Aluminium Skylights is effectively thermally separated, based on our S 70+ series.
- The glass beads may either be concealed or screwed visibly.
- Controlled drainage is located above the glass structure level.
- The installation of the Skylight is suitable for a roof pitches between 10° and 50°.
- The installation of the bands is concealed with an opening angle up to 90°.
- The optimally adjusted accessory parts are manufactured exclusively in-house.
- Manual and electrical operation is available.

SYSTEM PROPERTIES OF CLASSES

Water tightness	E1050	Wind load	C 3/B 3
Air permeability	4		

Test element: Skylight for roof pitches 10° – 50° | PB 10233685

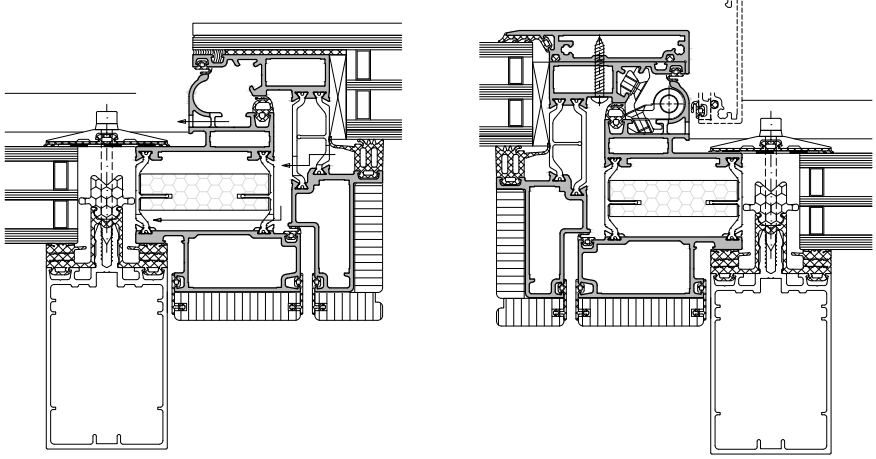
THERMAL INSULATION

U_f 2,1

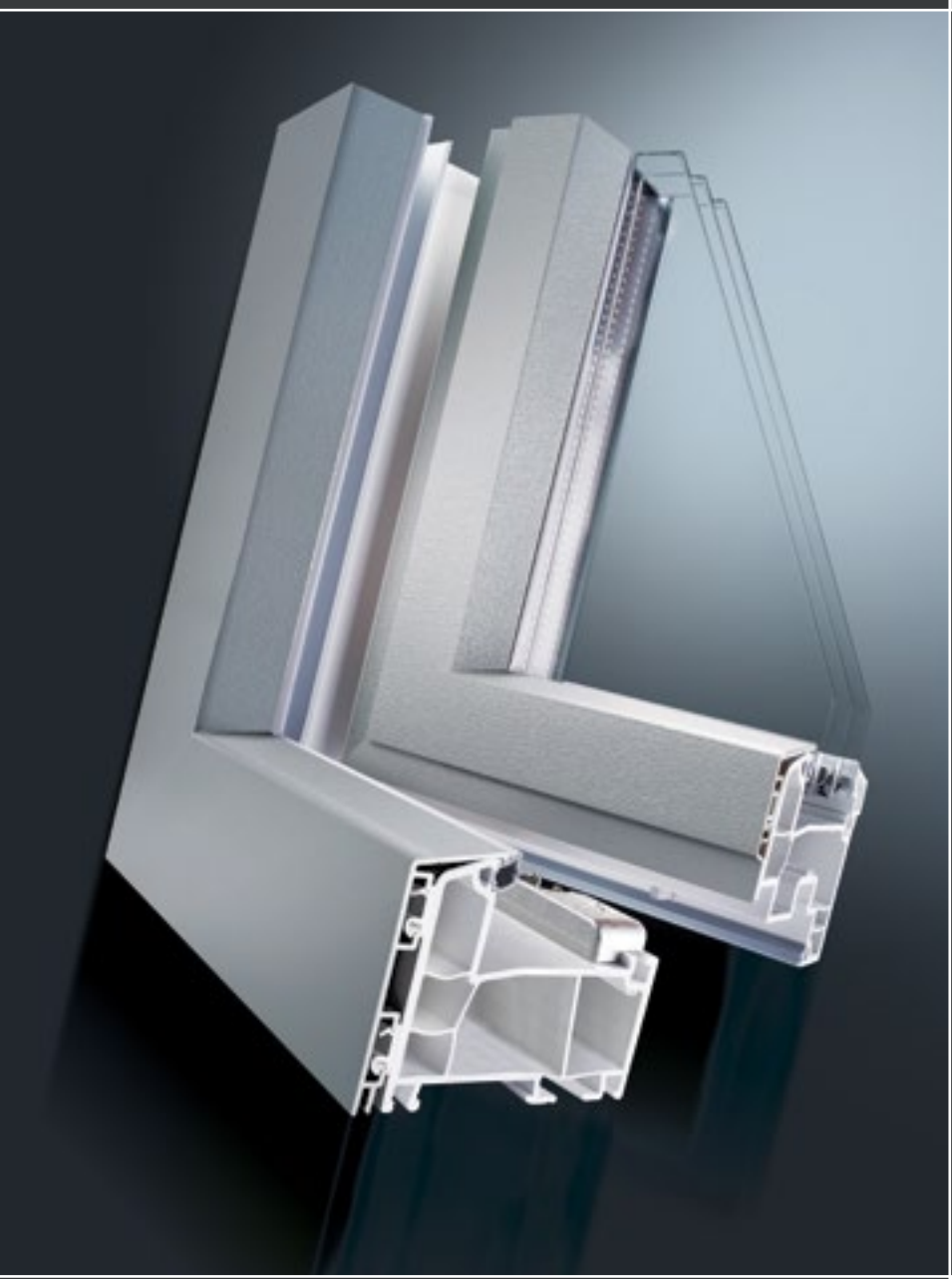
$U_{w\ triple}$[1] 2,7

[1] Element size: 1,400 x 1,800 mm | max. sash area: 2m² | max. sash weight: 100 kg | max. glass weight: 50 kg/m² | max. glass thickness: 52 mm

SYSTEM CROSS SECTION



GUTMANN DECCO



PVC-ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

Fast, precise and rational production.

› In the DECCO installation, the window remains in the standard assembly line.

› No custom production, completed aluminium frames are supplied.

› Aluminium frames are installed at the end, following glazing.

› Less installation effort thanks to the innovative cold welding process.

› Purchase of finished frames in plugged, welded and butt joint design is available.

› Uniform exterior appearance for buildings with different window materials (Wood, PVC, Aluminium).

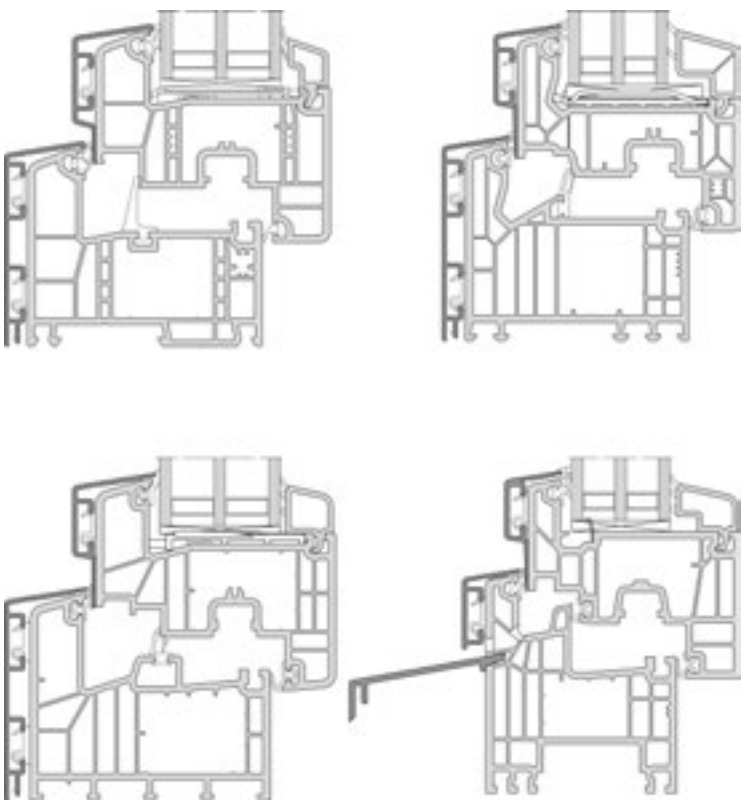
› High-quality exterior appearance due to numerous color combination and variation options. All RAL, NCS, decorative and special colors are available. Even short runs or individual products are available in any RAL color.

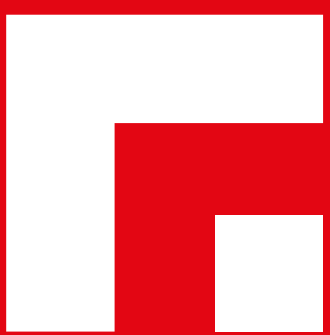
› In addition, delivery of coated profiles and aluminium frame production can be carried out by the window manufacturer.

SYSTEM PROPERTIES OF CLASSES / THERMAL INSULATION

None of the properties of the PVC window system being used, such as thermal insulation, noise protection and tightness, are affected by the aluminium face shells.

SYSTEM CROSS SECTION

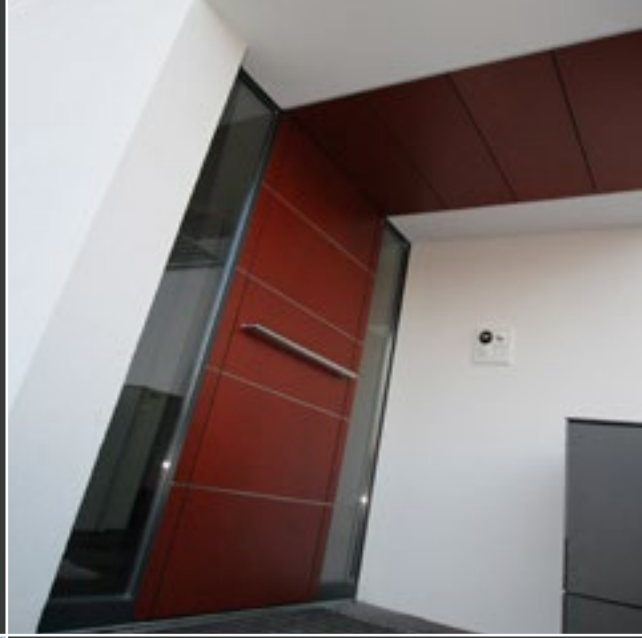




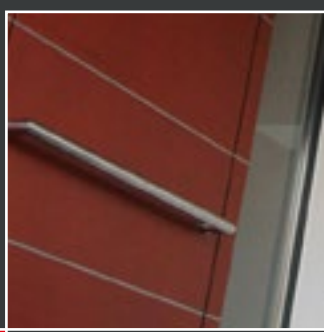
GUTMANN

DOOR SYSTEMS

GUTMANN DOOR LEAFS



Splitlevelhouse | Stuttgart



WOOD-ALUMINIUM
DOOR SYSTEM

SYSTEM DESCRIPTION

› The aluminium leaf ensures maximum protection on the outside.
› Custom configuration of all dimensions and light cutouts.
› Flush or recessed design.
› Matched frame and door leaf colors.
› Weather resistant, durable, low maintenance.
› Practically unlimited color selection.
› Standard sheet thickness 3 mm (4 mm and 5 mm upon request).
› Laser-cut, stainless steel framed light cutout available.
› Product range includes 2-leaf door systems.

SYSTEM PROPERTIES OF CLASSES

Water tightness	8A	Wind load	C2
Air permeability	3		

Test sample: Wood-aluminium front door, 1,200 x 2,100 mm with GUTMANN Weser 86|32 TI threshold
Test report 201 31136

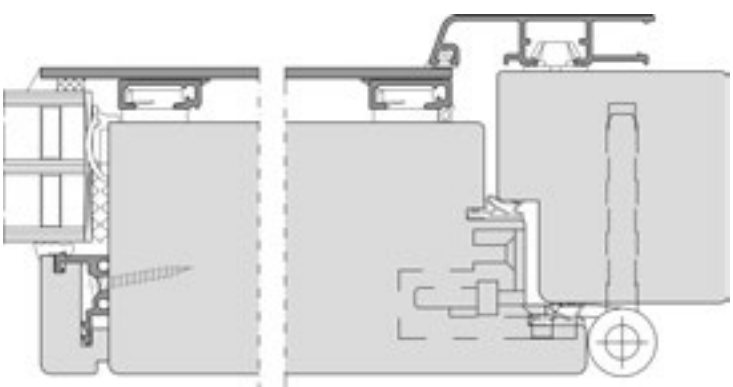
THERMAL INSULATION

U_f — 1,4

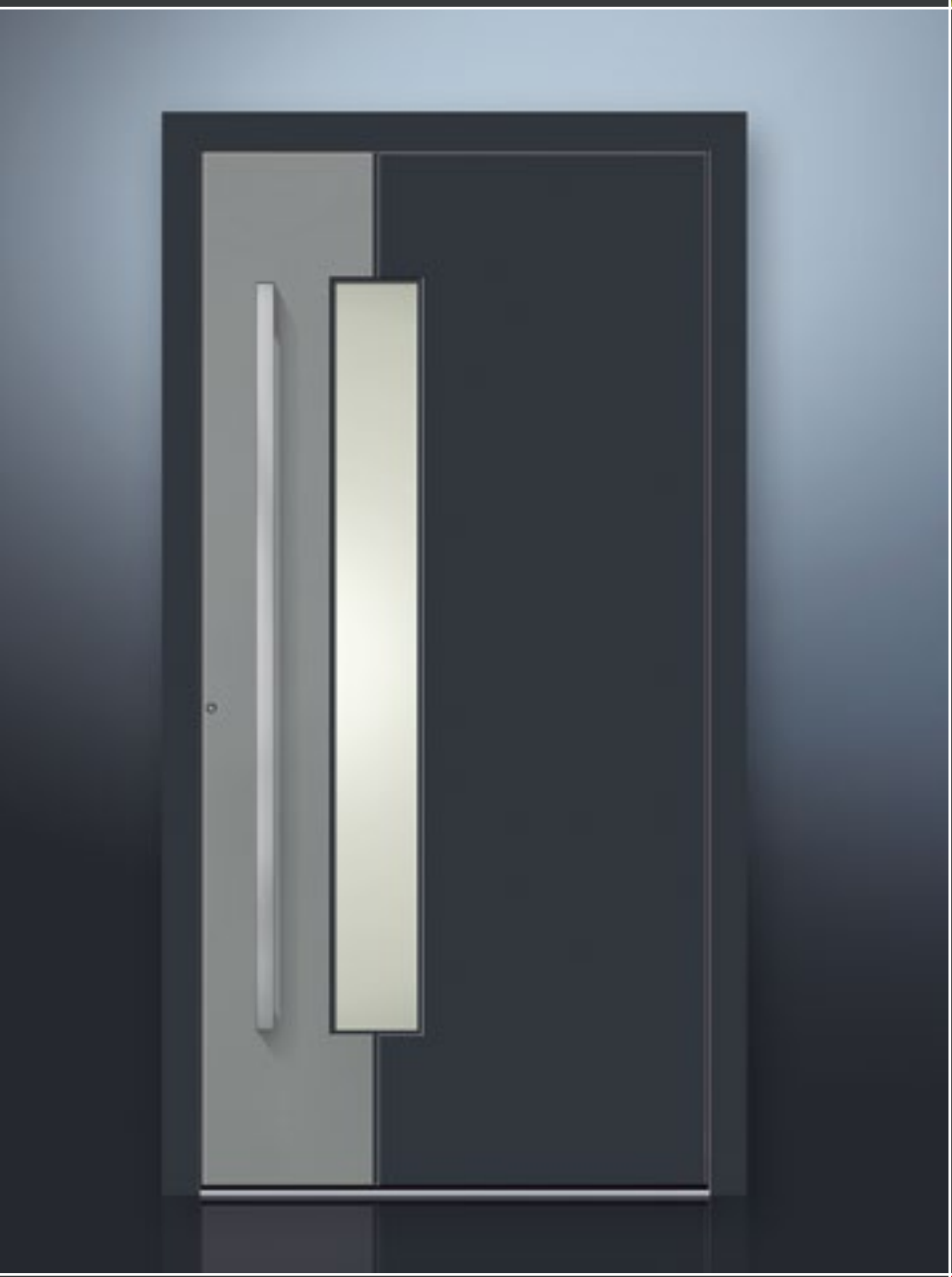
U_D triple[1] — 1,0

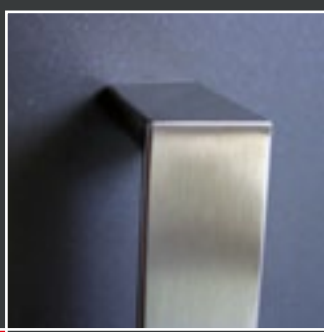
[1] Element size: 1,230 x 2,180 mm | Ug value: 0.6 W/m²K | Glass spacer: Thermix TX.N plus

SYSTEM CROSS SECTION



GUTMANN ALLIGNO





WOOD-ALUMINIUM
DOOR SYSTEM

SYSTEM DESCRIPTION

› A choice of 9 modern standard models.
› Flush or offset appearance.
› Bicolor look available.
› Weather-resistant, durable, low-maintenance.
› Pre-assembled door handle.
› Decor-slots oder stainless steel inlays optional.

SYSTEM PROPERTIES OF CLASSES

Water tightness	8A	Wind load	C2
Air permeability	3		

Test sample: Wood-aluminium front door, 1,200 x 2,100 mm with GUTMANN Weser 86|32 TI threshold
Test report 201 31136

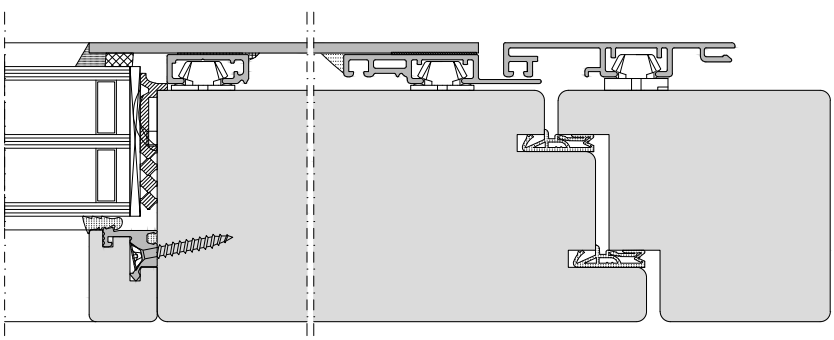
THERMAL INSULATION

U_f 1,4

U_D triple[1] 1,0

[1] Element size: 1,230 x 2,180 mm | Ug value: 0.6 W/m²K | Glass spacer: Thermix TX.N plus

SYSTEM CROSS SECTION



GUTMANN S50u

ALUMINIUM
DOOR SYSTEM

SYSTEM DESCRIPTION

The door series GUTMANN S50u is the universal profile system for separating walls and wall-units in the interior of buildings. With an installation depth of 50 mm, the focus is directed on cost-effectiveness, time and money savings due to efficient production, as well as optimized stock-keeping.

› Door series GUTMANN S50u of non-insulated aluminium profiles.

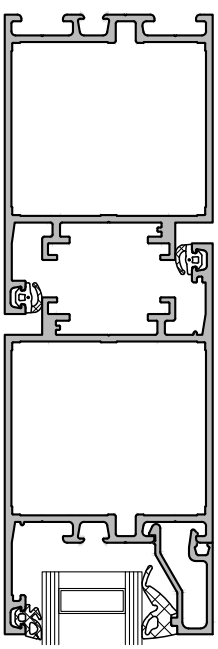
› Frame profile depth: 50 mm | Sash profile depth: 60 mm.

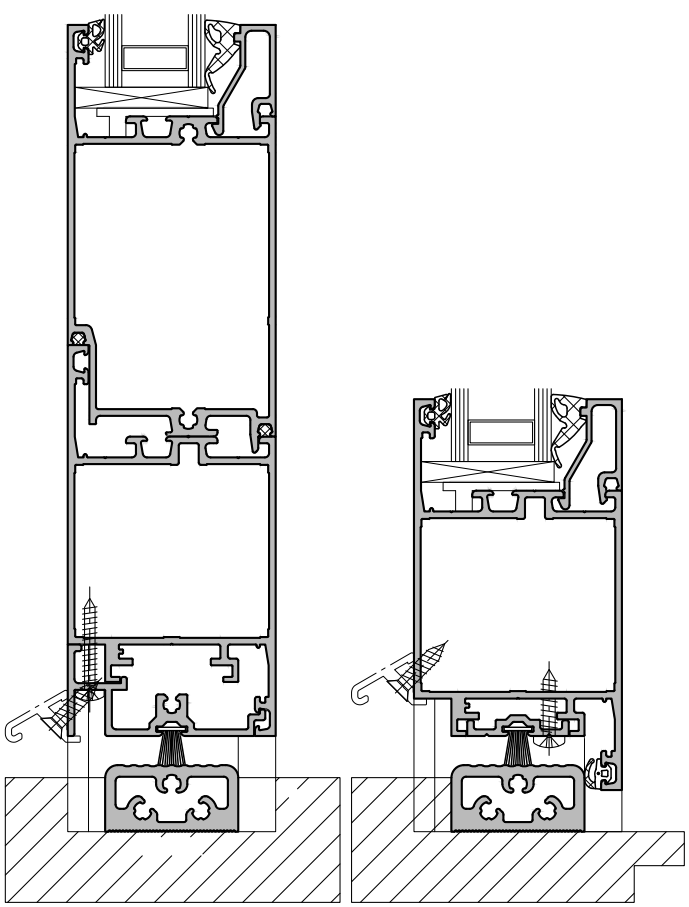
› System is compatible with the S 70+ series including gaskets and accessories.

› Interior glazing gaskets flush with aluminium profile.

› Doors available as single- and double-leaf doors, opening in or out.

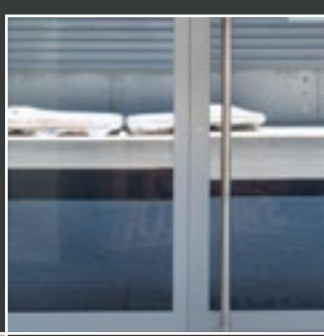
SYSTEM CROSS SECTION





GUTMANN S70+

HUG | Switzerland



ALUMINIUM
DOOR SYSTEM

SYSTEM DESCRIPTION

Standard doors in the 70 mm series with an Insulation value of U_f = 2.7 W/m²K.

- Continuous compatibility of profiles / accessories and gaskets with the S70+ window series, therefore fewer system accessories.
- Sash profiles with flexible, perforated PA 6.6 bridges to counter bimetallic effect.
- Rational installation of mortise locks and striking plates with slide blocks.
- Profiles in three chamber system.
- Door sash with optional sash-enclosing infill.
- Burglar resistance up to WK 3/RC 3.
- 1 and 2 sash doors (optional panic function) with side panel and transom light.
- Fitting lock side: delivery in cooperation with esco Metallbausysteme GmbH.

SYSTEM PROPERTIES OF CLASSES

Water tightness	5A (200 PA)[1)] 2A (50 PA)[2)]	Wind load	C 2
Air permeability	2	Operating forces	-

[1)] Outward opening [2)] Inward opening

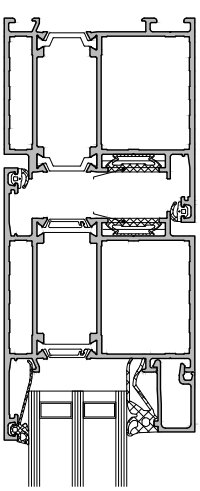
THERMAL INSULATION

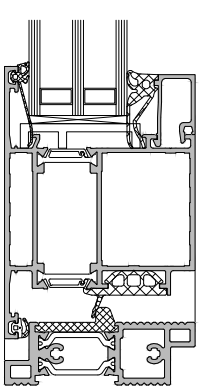
U_f (middle) — 2,7

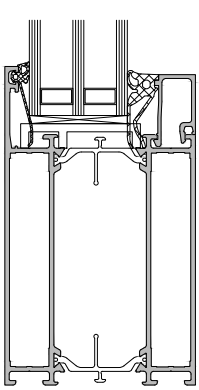
U_D triple[1] — 1,5

[1] Element size: 1,230 x 2,180 mm | Ug value: 0.6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION







GUTMANN S80+

Blickle Rollen & Räder | Switzerland

ALUMINIUM
DOOR SYSTEM

SYSTEMBESCHREIBUNG

Standard doors in the 80 mm series with an Insulation value of U_f = 2.5 W/m²K.

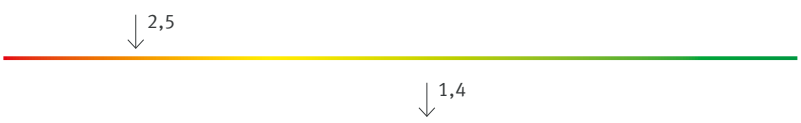
- Continuous compatibility of profiles / accessories and gaskets with window series S80+, therefore fewer system accessories.
- Profiles in multiple chamber system with symmetrical structure to counter bimetallic effect.
- Uniform angle brackets for frame and sash profiles.
- Optimal thermal break by means of winglet-insulators.
- Rational installation of mortise locks and striking plates with slide blocks.
- Maximum element size W x H 1,500 x 3,000 mm 1- sash, 3,000 x 3,000 mm 2- sash.
- Identical surface-mounted and barrel hinges for inward and outward opening doors in aluminium and stainless steel.
- 1 and 2 sash doors (optional panic function) with side panel and transom light.
- Door sash with optional sash-enclosing infill.
- Fitting lock side: delivery in cooperation with esco Metallbausysteme GmbH.
- Burglar resistance RC 2 in accordance with DIN EN 1627, 1- and 2-sash, with panic function.

SYSTEM PROPERTIES OF CLASSES A)

Water tightness	8A (450 PA)	Wind load	C 2
Air permeability	3	Operating forces	2

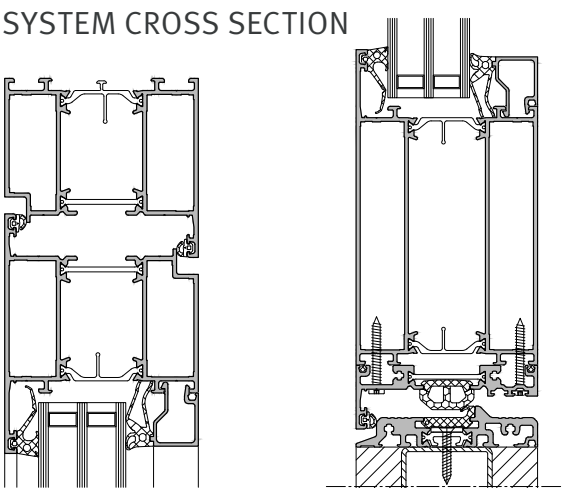
A) Target values with threshold gaskets

THERMAL INSULATION

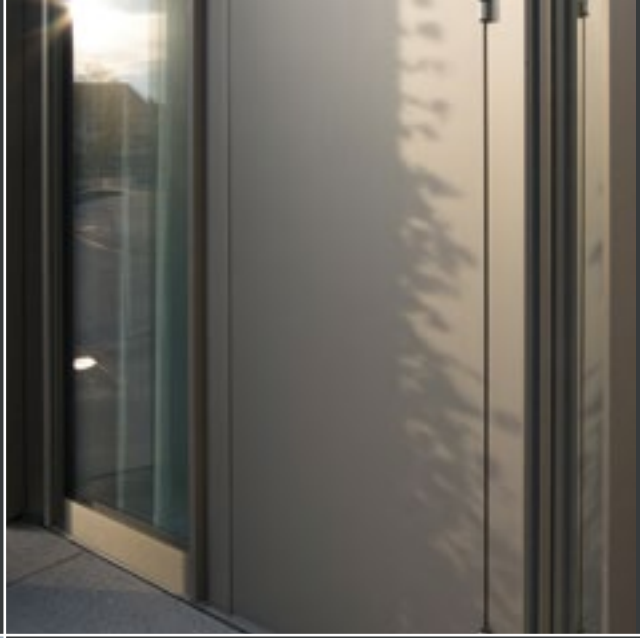


1 Element size: 1,230 x 2,180 mm | Ug value: 0.6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION



GUTMANN S80+HW



Blumenrain | Switzerland

ALUMINIUM
DOOR SYSTEM

SYSTEM DESCRIPTION

Premium door in the 80 mm series with peak value of U_f = 1.8 W/m²K.

- Profiles in multiple chamber system with symmetrical structure to counter bimetallic effect.
- Uniform angle brackets for frame and sash profiles.
- Rational installation of mortise locks and striking plates with slide blocks.
- Identical frame profile for inward and outward opening doors.
- Identical surface-mounted and barrel hinges for inward and outward opening doors in aluminium and stainless steel.
- High sealing values against heavy rain and wind load.
- Door sash with optional sash-enclosing infill.
- 1 and 2 sash doors (optional panic function) with side panel and transom light.
- Fitting lock side: delivery in cooperation with esco Metallbausysteme GmbH.
- Burglar resistance RC 2 in accordance with DIN EN 1627, 1- and 2-sash, with panic function.

SYSTEM PROPERTIES OF CLASSES

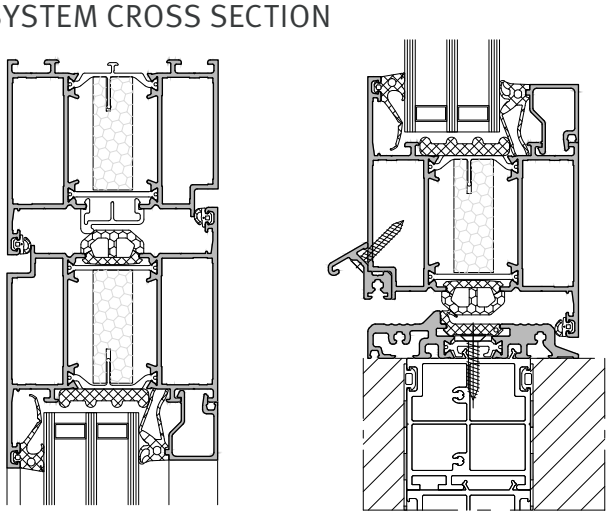
Water tightness	E900	Wind load	C 4/B 4
Air permeability	4	Operating forces	2

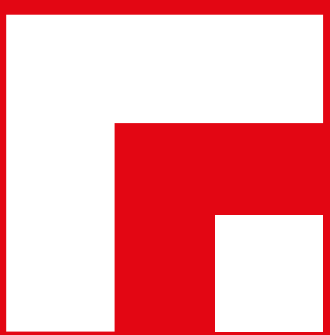
PB 12-001311-PR 02

THERMAL INSULATION

[1] Element size: 1,230 x 2,180 mm | Ug value: 0.6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION





GUTMANN

SLIDING DOOR SYSTEMS

GUTMANN LIFTING AND SLIDING DOOR with Floor Level Fixed Glazing

WOOD-ALUMINIUM

SLIDING DOOR SYSTEM

SYSTEM DESCRIPTION

A delicate design for real heavyweights.

- The use of MIRA contour glass bead facilitates the processing and assembly of large glass dimensions and weights.
- Maximum glass surface with minimum frame view.
- Floor-level fixed glazing.
- Solutions for all standard fitting systems.
- Aluminium facing shell available in an unlimited variety of colors for custom needs.
- Wood on the interior for cosy, comfortable living.
- Milled glass bead on the sliding sash.
- Glazing from outside.

SYSTEM PROPERTIES OF CLASSES

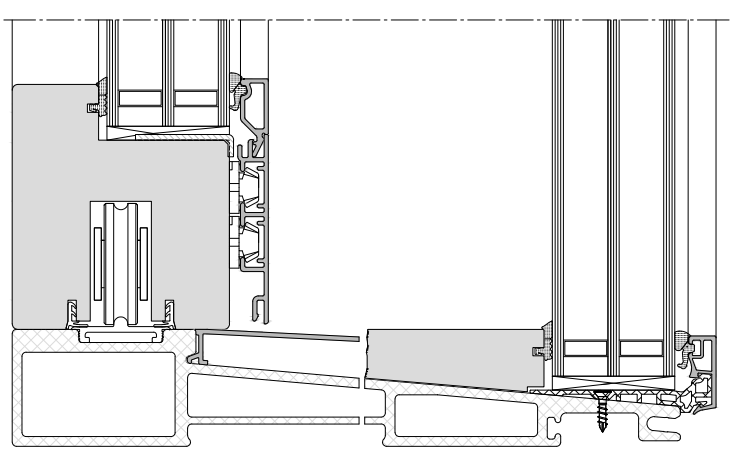
Water tightness	E1050	Wind load	C 3
Air permeability	4		

Test sample: Wood-Aluminium Lifting and Sliding Door, Schematic A (3,600 x 2,400 mm) | Fitting System MACO

THERMAL INSULATION

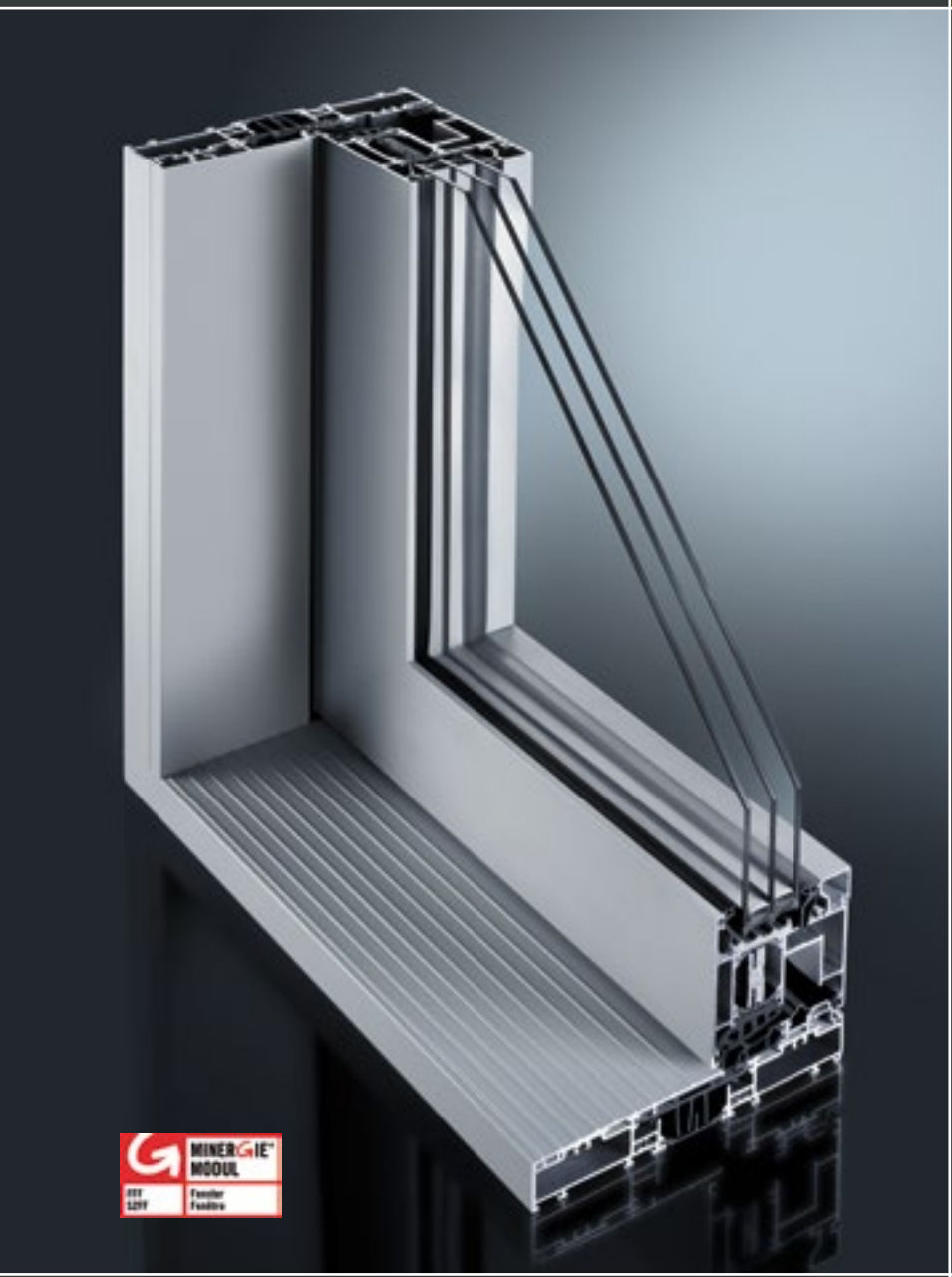
[1] Element size: 3,600 x 2,400 mm | Wood species: Spruce | Wood thickness: 78 mm | Ug value: 0.6 W/m²K | Glass spacer: Thermix TX.N plus (values received with the fitting system MACO Panorama)

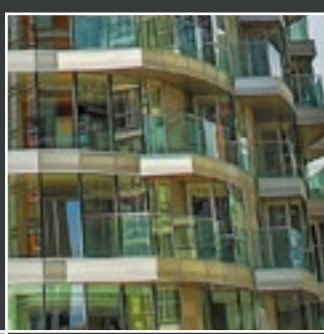
SYSTEM CROSS SECTION



GUTMANN SC180+HW

Providence Tower | London, Great Britain





ALUMINIUM
SLIDING DOOR SYSTEM

SYSTEM DESCRIPTION

Premium lifting sliding door with 80 mm sash profile depth and a peak value of U_f = 2,0 W/m²K.

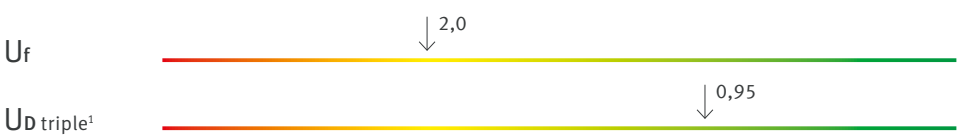
› Symmetrical profile design for uniform accessory parts in the inner and outer shell.
› Economical processing since all profile cutting is straight.
› No notching of frame and sash profiles.
› Subsequent adjustment of locking points.
› Straightforward seal of the meeting stiles using a simple sealing system.
› Simple installation of sash elements.
› High sealing values against heavy rain and wind load.
› Soundproofing up to 44 dB.
› Burglar resistance up to RC 2/WK 2.

SYSTEM PROPERTIES OF CLASSES

Water tightness	9A		Wind load	C 4/B 4
Air permeability	4		Operating forces	1
Mechanical strength	5		Mechanical durability	3

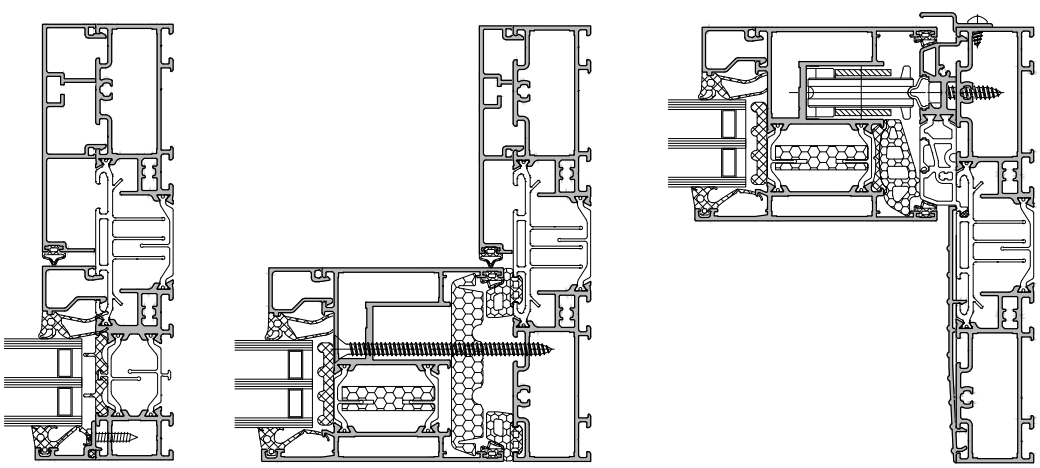
Schematic A: PB 12-00 1309 ff

THERMAL INSULATION

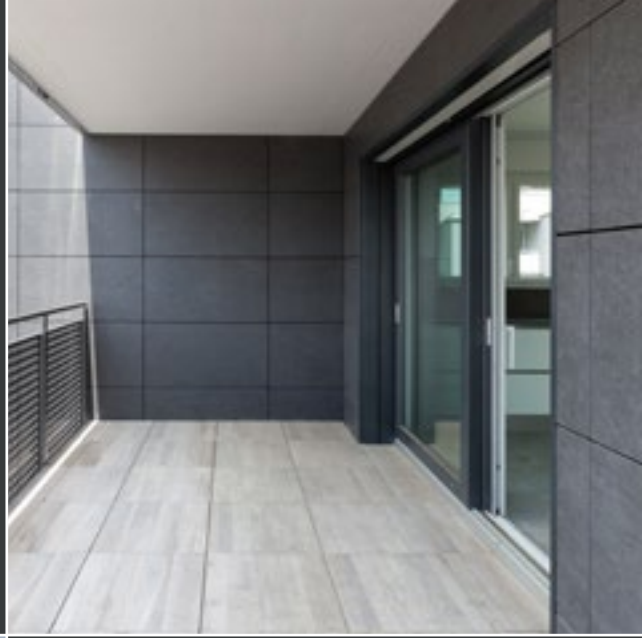


¹ Element size: 4,500 x 2,200 mm | Ug value: 0.6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION



GUTMANN DECCO



PVC-ALUMINIUM
SLIDING DOOR SYSTEM

SYSTEM DESCRIPTION

› Less installation effort thanks to clip-on technology.

› Aluminium frames are mounted after production of the plastic elements.

› Delivery is in kit form.

› Uniform exterior appearance for buildings with different window materials (Wood, PVC, Aluminium).

› High-quality exterior appearance due to numerous color combination and variation options.

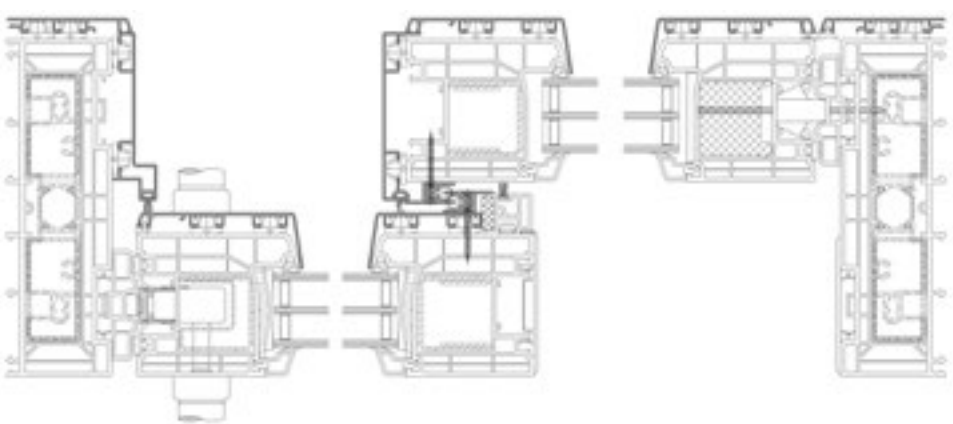
› All RAL, NCS, decorative and special colors are available.

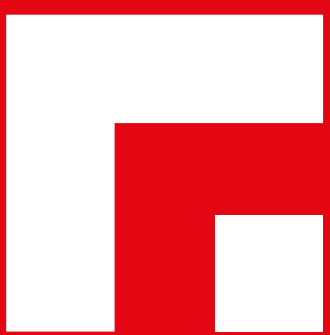
› Even short runs or individual pieces are available in any RAL color.

SYSTEM PROPERTIES / THERMAL INSULATION

None of the properties of the PVC window system being used, such as thermal insulation, noise protection and tightness, are affected by the aluminium face shells.

SYSTEM CROSS SECTION





GUTMANN

CURTAIN WALL SYSTEMS

GUTMANN LARA GF

Restoration Gym Tempelhof | Berlin

WOOD-ALUMINIUM

CURTAIN WALL SYSTEM

SYSTEM DESCRIPTION

› The glazing system is screwed to simple rectangular laminated timber or approved microlaminated wood (steel or aluminium supports). Special preparation for the support profile is therefore unnecessary.

› GUTMANN LARA GF provides maximum tightness, even in areas of glass with multiple divisions.It permits overlapping of the inner mullion-transom seals on four planes at the T joint, expanding architects' and planners' design freedom.

› The glass is completely taken up within the profile system. Glass thickness from 9 mm to 50 mm are standard.

› The version of wood add-on construction with 50 mm face width offers further curtain wall design possibilities.

› The GUTMANN LARA GF in different face width – 50 mm, 60 mm and 80 mm – is available.

› A large selection of sophisticated connection profiles and accessories complete the system. Gasket profiles suitable for installation of self-cleaning glasses are standard.

› The GUTMANN LARA GF system is also available in architectural bronze for particularly high architectonic requirements.

SYSTEM PROPERTIES OF CLASSES

Water tightness	**RE1200**	Wind load	**1500 PA** **2250 PA**
Air permeability	**AE**		

Test sample: Mullion-transom curtain wall element, face width 50 mm (3,790 mm x 2,700 mm)
Test report 108 28886

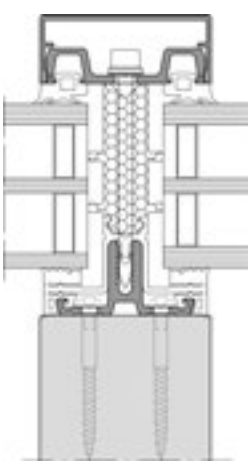
THERMAL INSULATION

$U_{m,t}$ triple[1] — 0,94

U_{cw} triple[2] — 0,73

[1] Restraining thickness: 48 mm with screw
[2] Ug value: 0.6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION



GUTMANN LARA Heavy Load
GUTMANN TWINLOC

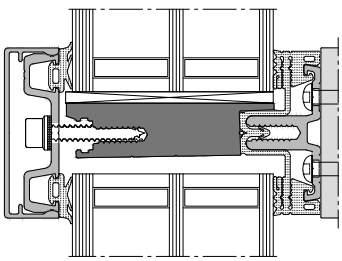
WOOD-ALUMINIUM

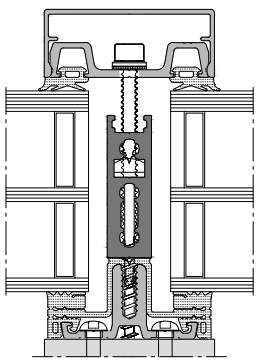
CURTAIN WALL SYSTEM

SYSTEM DESCRIPTION LARA HEAVY LOAD

› Suitable for pane weights till 500 / 600 kg.
› For glass thickness of 44 – 64 mm.
› Simple installation.
› German General Building Inspectorate Approval (abZ).

SYSTEM CROSS SECTION

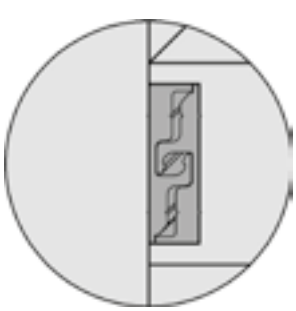




SYSTEM DESCRIPTION TWINLOC

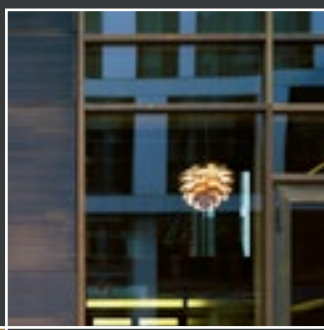
› GUTMANN TWINLOC connectors meet the full scope of building supervisory approval requirements for mullion-transom and purlin-rafter connections.
› Easy installation: lateral mounting or insertion of the transom from behind.
› Fast connection: center connection screw blocks in all three dimensions.
› Versatile: various connector lengths are available for different transom thickness.
› Easy assembly with drilling and sawing template.
› Precise installation: depth stop using transom milling.
› Perfect appearance: concealed installation on three sides.
› Tight joints thanks to closure with only one tool over the entire connector length.
› Easy assembly: two identical connector parts.
› Same construction for single and double connection.
› Embossed ribs prevent turning under eccentric glass load.

SYSTEM CROSS SECTION



GUTMANN
ARCHITECTURAL BRONZE

Bornhold House | Hamburg



WOOD-ALUMINIUM
CURTAIN WALL SYSTEM

SYSTEM DESCRIPTION

The GUTMANN AG product range offers a true showpiece for those who seek the extraordinary.

GUTMANN ARCHITECTURAL BRONZE window and curtain wall system profiles give every building a superior appearance. Based on the GUTMANN MIRA and GUTMANN LARA GF wood-aluminium systems, every profile can be supplied in GUTMANN ARCHITECTURAL BRONZE upon request.

BEAUTIFUL AND NATURAL DESIGN

Its lively surface makes GUTMANN ARCHTECTURAL BRONZE extraordinarily versatile and applicable to rural, rustic or modern styles. The coppery metal goes well with many other building materials and sets a new trend in window and curtain wall construction. Natural tones ranging from copper red to bronze brown and anthracite give modern buildings individual accents.

WEATHER-RESISTANT AND MAINTENANCE-FREE

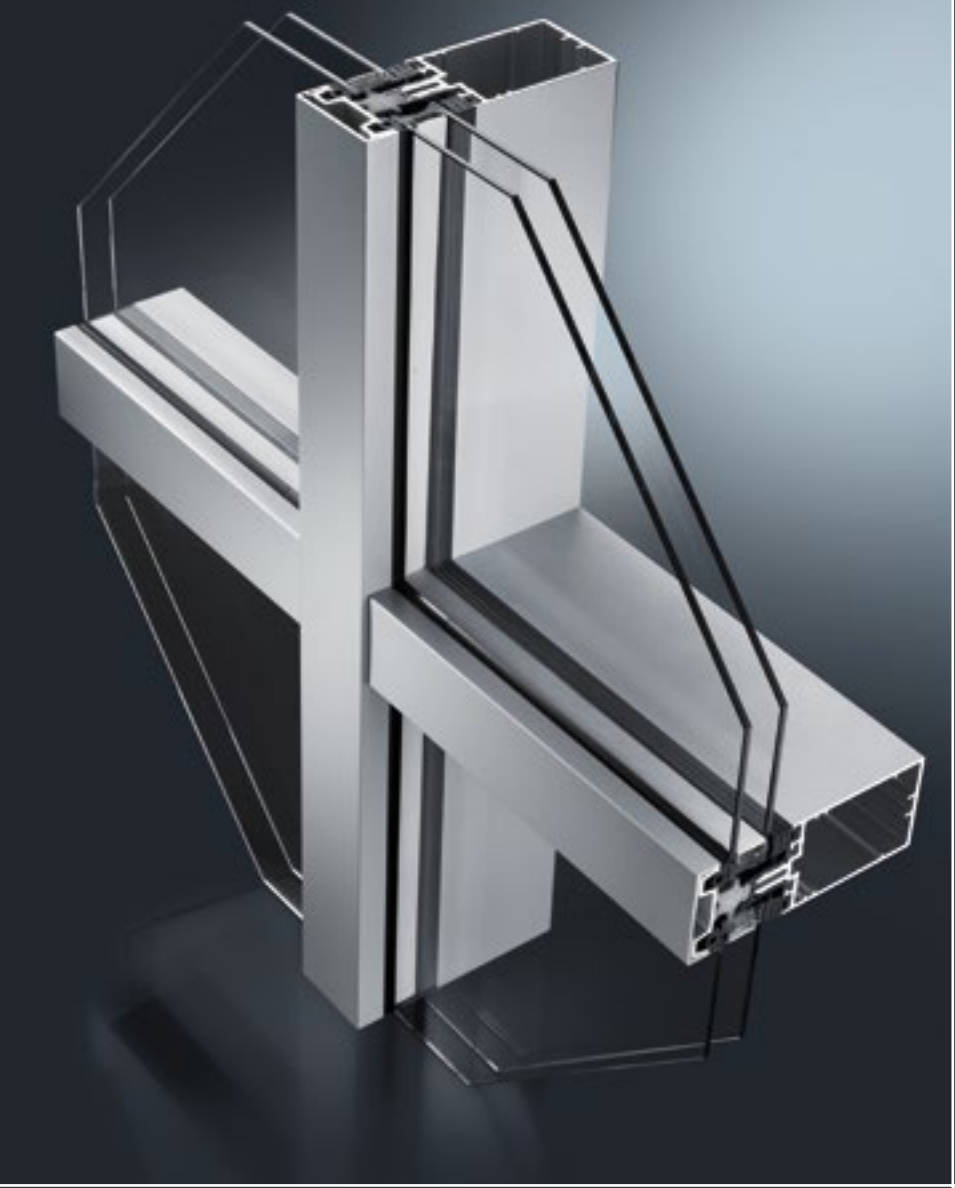
Unquestionably the premium metal has more to offer than just an attractive appearance. Unlike other materials, GUTMANN ARCHITECTURAL BRONZE does not require maintenance and is resistant to the harmful effects of the weather and the environment. The natural patina of the metal protects its surface against damage such as scratches.

Over time, the appealing deep brown to anthracite grey protective layer, with greenish tones on sloped surfaces, develops on its own. Bronze profiles have qualities comparable to those of aluminium. Their linear expansion during temperature fluctuations is somewhat less, while their stability is slightly higher.

GUTMANN ARCHITECTURAL BRONZE is optionally available in production lengths of 6,000 mm or as mechanical corner connections.

GUTMANN F50+ / F60+

Broadcast Center PLAZAMEDIA | Ismaning / Munich



ALUMINIUM

CURTAIN WALL SYSTEM

SYSTEM DESCRIPTION

Standard curtain wall system with 50 or 60 mm face width.

- Ucw values 0.76 to 1.8 W/m²K in accordance with DIN EN ISO 10077-2 standard.
- Identical profiles for mullion and transom, straight cutting, no transom profile notching: minimal off-cuts, rational manufacture and installation.
- Joint connector technology for gap-free connection between transom and mullion.
- Identical width of inner glass gaskets at mullions and transoms.
- Low edge radius for visually flawless transom connection.
- Export version with Structural Glazing (SG), semi-SG and as visual SG variant.

SYSTEM PROPERTIES OF CLASSES

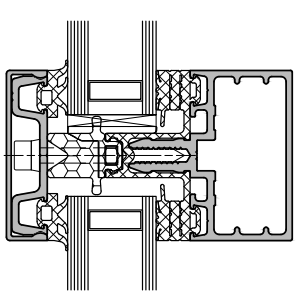
Water tightness	RE1500	Wind load	2,0 kN/m² 3,0 kN/m²
Air permeability	AE	Mechanical strength	E5/I5

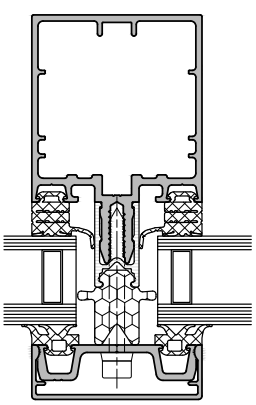
PB 108 36688 | Element size: 3,498 x 3,099 mm

THERMAL INSULATION

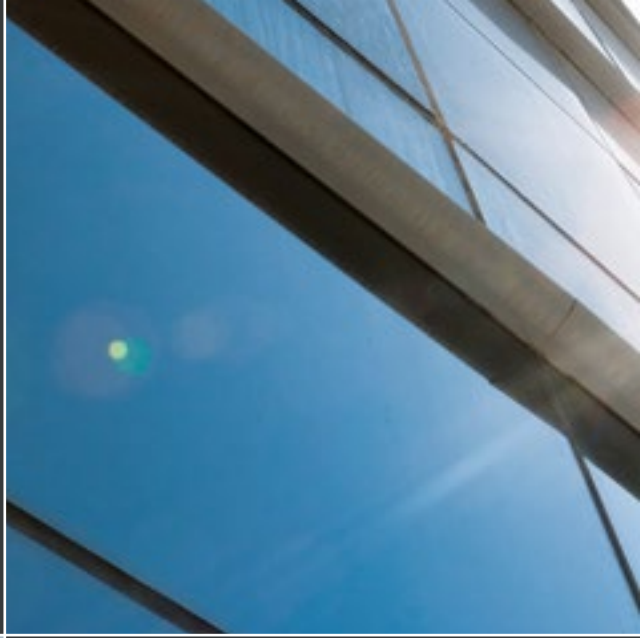
¹ Element size: 1,230 x 1,480 mm | Ug value: 0,6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION





GUTMANN
F50+ Passive / F60+ Passive



Swiss Krono | Menznau, Switzerland

ALUMINIUM
CURTAIN WALL SYSTEM

SYSTEM DESCRIPTION

Passive house curtain wall system with 50 or 60 mm face width.

- Passive house viability in accordance with IFT directive WA-15/2, in combination with the required service ability.
- Identical profiles for mullion and transom, straight cutting, no transom profile notching: minimal off-cuts, rational manufacture and installation.
- Joint connector technology for gap-free connection between transom and mullion.
- Identical width of inner glass gaskets at mullions and transoms.
- Low edge radius for visually flawless transom connection.
- Maximum glass loads up to 600 kg, depending on wind loads.

SYSTEM PROPERTIES OF CLASSES

Water tightness	RE1500	Wind load	2,0 kN/m² 3,0 kN/m²
Air permeability	AE	Mechanical strength	E5/I5

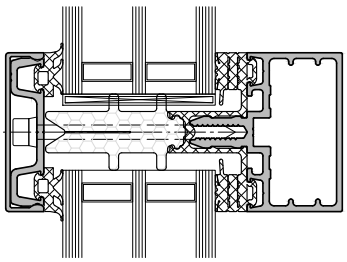
PB 12-001311-PR 02

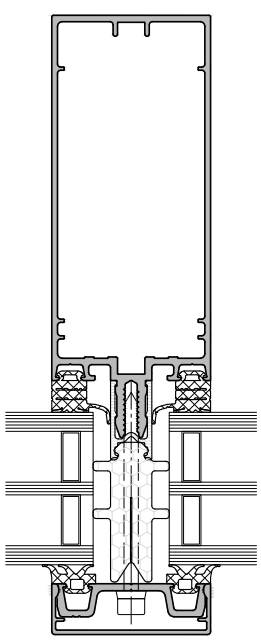
THERMAL INSULATION

U_{cw} triple[1] ≤ 0,70

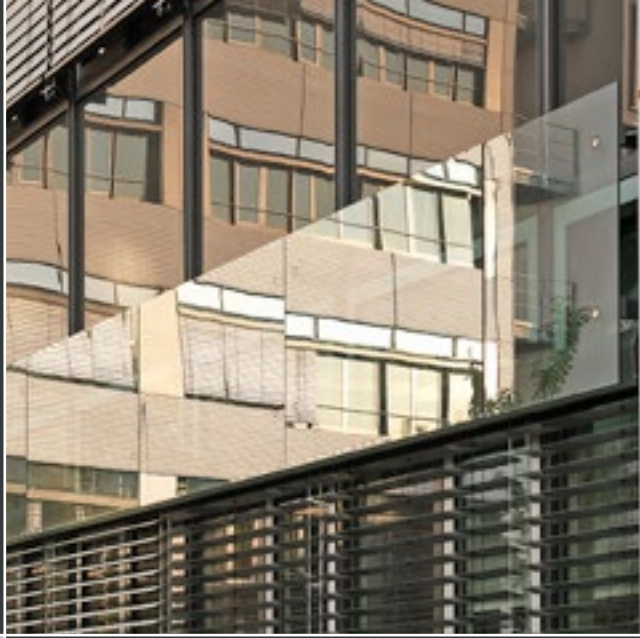
[1] Element size: 1,200 x 3,500 mm | Ug value: 0.7 W/m²K | Up value: 0.25 W/m²K | Glass spacer: Thermix TX.N plus

SYSTEM CROSS SECTION

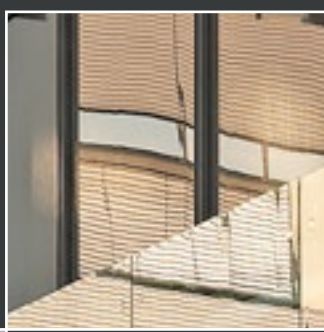




GUTMANN F50+ / F60+
Surface-mounted Construction



Insurance chamber Bavaria | Munich



ALUMINIUM
CURTAIN WALL SYSTEM

SYSTEM DESCRIPTION

The glazing systems GUTMANN F50+ / F60+ for substructures made of steel or wood are the installation-friendly, powerful and affordable solution for high quality facades.

› Ucw values 0.71 to 1.2 W/m²K in accordance with DIN EN ISO 10077-2.

› Excellent suitable for elaborate glass roofs, large-scale, multi-storey and often divided facade surfaces.

› Proven quality with a maximum of flexibility.

SYSTEM PROPERTIES OF CLASSES

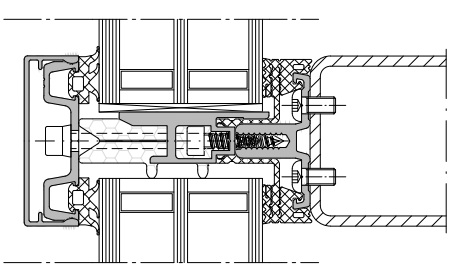
Water tightness	**RE1200**	Wind load	**1500 PA** **2250 PA**
Air permeability	**AE**		

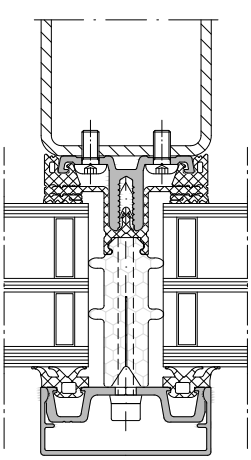
Test sample: Mullion-transom curtain wall element, face width 50 mm (3,790 mm x 2,700 mm)
Test report 108 28886

THERMAL INSULATION

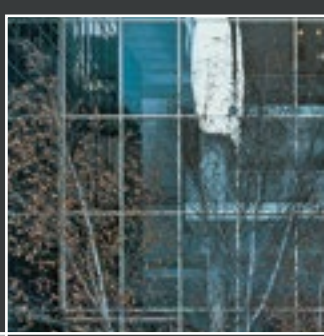
[1] Restraining thickness: 48 mm with screw – [2] Element size: Ug value: 0.6 W/m²K | Glass spacer: Thermix TX.N plus – [3] Ug value: 0.6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION





GUTMANN EF68 / EF68+



ALUMINIUM

CURTAIN WALL SYSTEM

SYSTEM DESCRIPTION

Unitised curtain wall with 68 or 78 mm face width

- High degree of prefabrication and superior workmanship quality with low installation costs.
- Frame appearance with surrounding glass bead or as SG or semi-SG variant with basic 10 mm butt joint (20 mm optional).
- Corner connections manufactured with mitre joint.
- Overlapping sealing system using butt joints.
- Glass thickness 26 mm to 38 mm.
- Size W x H 2,600 x 3,600 mm with max. 300 kg element weight.
- Components optionally S70+ and S80+.
- Special construction EF68+ for property solutions with optimised insulators and gaskets for holding glass thickness up to 52 mm.
- Not in stock.

SYSTEM PROPERTIES OF CLASSES

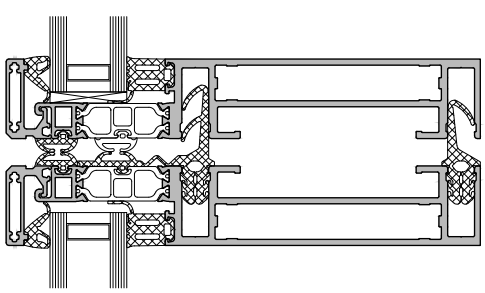
Water tightness	RE750	Wind load	1,35 kN/m² 2,03 kN/m²
Air permeability	AE	Mechanical strength	E5/I5

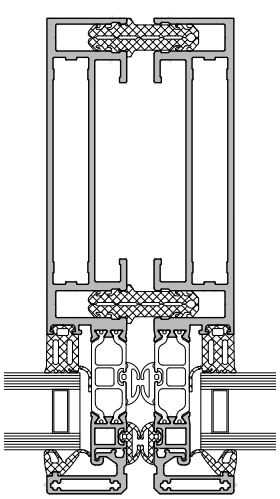
PB 07/10-A 196 | Element size: 3,915 x 4,720 mm

THERMAL INSULATION

¹ Element size: 1,230 x 1,480 mm | Ug value: 0.7 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION





GUTMANN HYBRID

WOOD-ALUMINIUM
ALUMINIUM
PVC-ALUMINIUM
CURTAIN WALL SYSTEM

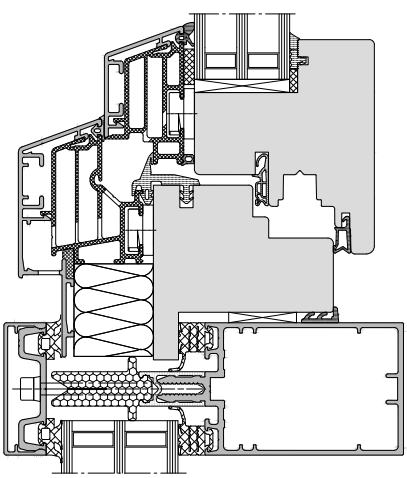
SYSTEM DESCRIPTION

Combine technologies – Unite advantages.

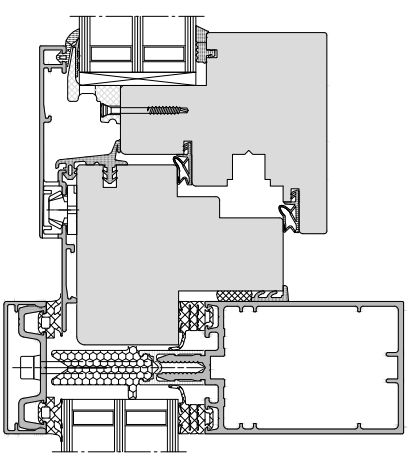
„Hybrid“ designates a system in which two technologies are combined. GUTMANN hybrid systems unite the advantages of different frame materials for windows, doors and curtain walls: aluminium on the outside for perfect weather protection, interior wood surfaces for a natural appearance in combination with low-maintenance plastic surfaces. Aluminium surfaces in stylish colors – together with wood or plastic materials.

GUTMANN systems apply continuous aluminium to the building exterior. This protects the wood and plastic profiles arranged behind the aluminium shells perfectly from the damaging effects of weather and high mechanical stresses. Slim aluminium assemblies handle the structural tasks in the curtain wall area, thus increasing the proportion of glass for optimum light and transparency. Wood panel elements create a particularly pleasant atmosphere. Naturally, highly insulated systems suitable for passive house use from the different GUTMANN series can be combined with each other, e.g. the F50+ Passive mullion and transom curtain wall and the MIRA therm 08 PH insert window. An economical, composite construction method opens up opportunities for the architect and the building owner. Especially in the commercial property business, systems with different price levels can be combined perfectly – without reduction of technical performance characteristics.

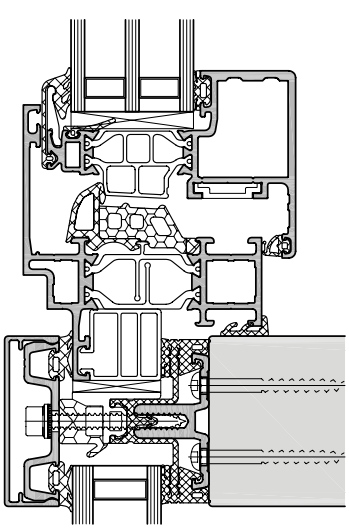
SYSTEM CROSS SECTION



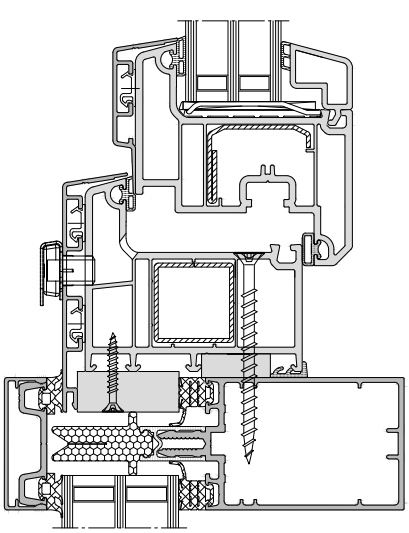
GUTMANN F50+ Passive | MIRA therm 08



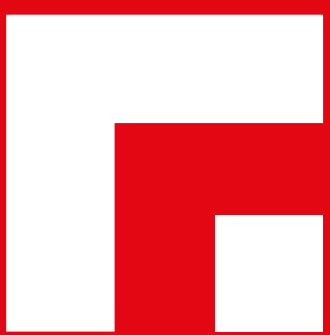
GUTMANN F50+ | MIRA contour integral



GUTMANN LARA GF 50 | S70v+ HW

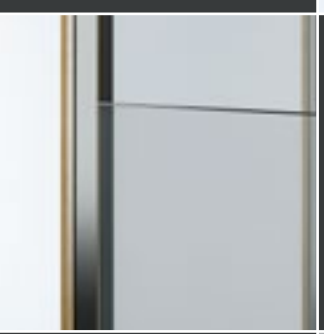


GUTMANN F50+ | DECCO



GUTMANN

SYSTEM ACCESSORIES



FALL PREVENTION DEVICE

SYSTEM ACCESSORIES

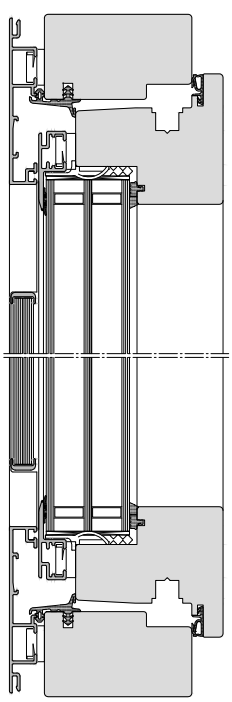
BUILT-IN ELEGANCE

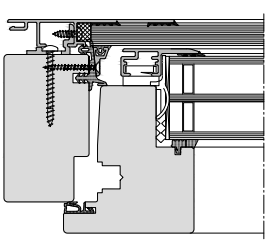
GUTMANN BUILT-IN FRAME FALL PREVENTION DEVICE FPS.I

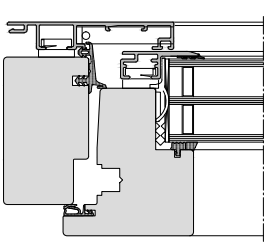
The GUTMANN FPS.I built-in frame fall prevention device is a sophisticated architectural solution for floor-to-ceiling windows that has been approved by the building authorities. All the functional components are fully integrated and covered by the aluminium shell.

The safety glass pane has delicate edge protection at the top and bottom only. As such, this innovative product combines transparency and safety in an elegant, timeless design, thus removing the need for cumbersome additional/safety constructions.

- Available in sets including the required accessories.
- Replacement of glass possible at the fully assembled frame.
- Easy-to-install mounting technology.
- For all approved wood types according to the instructions HO.06-1 from the VFF (Verband Fenster + Fassade, Germany)
- Proof according to DIN 18008-4 with abP available.
- All wood thickness ≥ 68 mm.
- All opening types inward-opening and with comparable rebate geometries.
- Rebate geometries: Single rebate, double rebate, angled rebate.
- Suitable for all fittings.







FALL PREVENTION DEVICE

SYSTEM ACCESSORIES

EYE-CATCHING SAFETY

GUTMANN EXPOSED FALL PREVENTION DEVICE FPS

Floor-level windows are an increasingly popular design element, not only in modern offices but also in homes.Unlike balcony doors, they create an opening into thin air – which is why these kinds of windows require special fall protection. Modern architectural trends place great value on unobstructed views of the outside, without the eyesore of safety features.

The GUTMANN exposed fall prevention device combines a modern design, safety and transparency in an elegant, timeless design, thus removing the need for cumbersome additional and safety constructions.

GUTMANN FPS can also be mounted on all conventional frame materials: wood | wood-aluminium | PVC | PVC-aluminium | aluminium.

› Available in sets including the required accessories.

› Detailed documentation including: order form and glass statics tables.

› Invisible mounting.

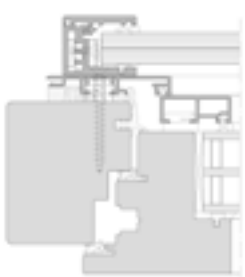
› Can be mounted on all conventional frame materials.

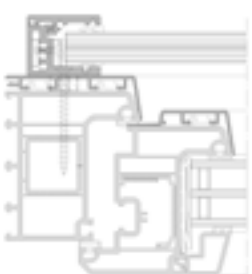
› Proof according to DIN 18008-4 with abP available.

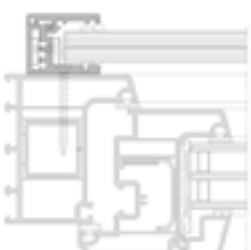
› Glass pane can be mounted/removed on site.

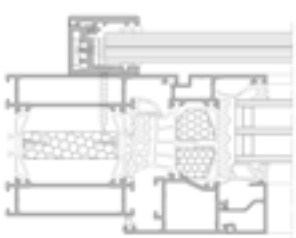
› Additional adaption is also possible.

› Suitable for all fittings.









DOOR THRESHOLD

SYSTEM ACCESSORIES

UNLIMITED MOBILITY

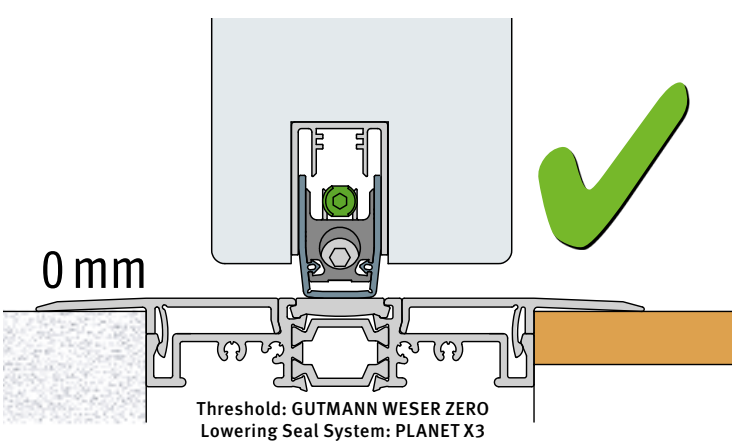
GUTMANN WESER ZERO

The trend to barrier-free door thresholds is unstoppable. Apart from the issue of the ageing population and the desire to keep living at home for as long and as comfortably as possible, the barrier-free door thresholds are now simply a comfort issue. Doors, lifting/sliding doors and balcony doors should be passable, not to mention the major obstacles for children, older people, especially for wheelchair users.

For public buildings as well as for barrier-free apartments there is a strong demand to avoid lower door stops.

With the new threshold GUTMANN WESER ZERO the picture of seeing people „stumbling“ belongs to the past. The combination of a high-quality lowering seal system has achieved an optimum tightness. The threshold system is available in comfortable easy-to-use sets. Each set also includes all the neccessary accessories. The WESER ZERO is infinitely variable.

- 100% barrier-free.
- Prooven water tightness (300 Pascal / 7A).
- Easy-to-use sets.
- 3 different standard lengths, individual to cut.
- For 78 mm and 88 mm wood thickness.
- Also for outwards opening doors.
- Renovation and new construction.



Threshold: GUTMANN WESER ZERO
Lowering Seal System: PLANET X3

DOOR THRESHOLDS

SYSTEM ACCESSORIES

GUTMANN STANDARD THRESHOLDS

OPTIMAL PROTECTION AGAINST WATER AND COLD

The extensive GUTMANN door threshold range offers installation-friendly, high-performance and inexpensive solutions for all front and balcony doors. This project range is rounded out with a matching accessory range.

GUTMANN WESER 32 TI

- Height 32 mm.
- High quality plastic thermal separation ensures the highest thermal insulation value.
- Reduces indoor condensation.
- Ensures an extremely high water tightness (600 Pascal).
- Usable in both new construction and renovation.
- Filler piece provides compensation and enables rational production.
- The threshold holder produces a stable connection between the threshold and frame.
- Aluminium cover enables flush installation and permits assembly of common locking points.

GUTMANN WESER 20 TI

- Height 20 mm.
- Improved thermal insulation thanks to thermal separation with PVC-free plastic profile.
- Fulfilled highest watertightness up to 1350 Pa.
- Side threshold holder.
- Substructure insulation profile.
- Strike plates from the GUTMANN standard range („Premium quality“) .
- Cover in PVC-free plastic further enhances the insulation values.
- Processing is made significantly easier by side filler piece (no coping required).

WINDOW SILLS

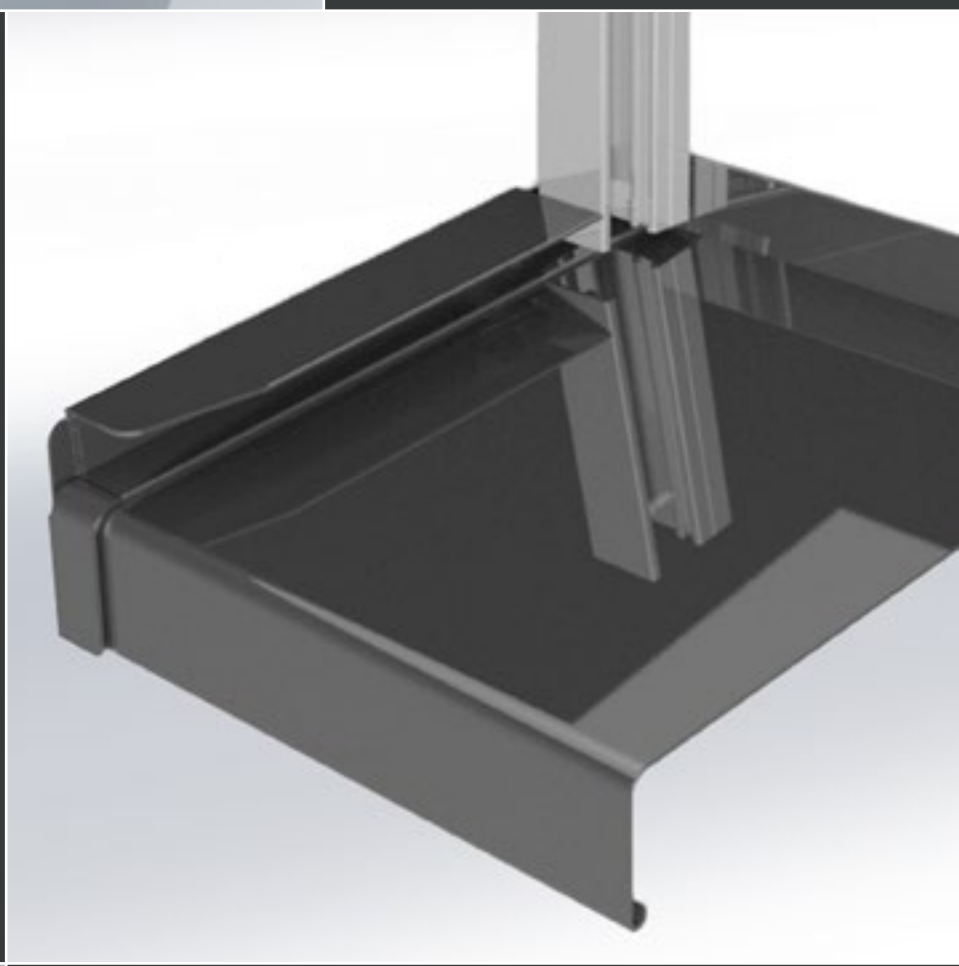
SYSTEM ACCESSORIES

GUTMANN WINDOW SILLS GS 40 / GS 25

GUTMANN aluminium window sills provide outstanding weather protection for masonry and breastwork in the door and window areas. An accessory range coordinated with needs ensures efficient, constructive processing. Special innovative solutions have been created for use in thermal insulation composite systems.

- Outstanding weather protection for brickwork and breastwork in the window and door areas.
- Effective design by means of rounded edges.
- Graduated overhang depths up to 500 mm even allow use with ETICS systems.
- Intelligent accessories are the guarantee of professional and cost-effective installation.

LONG-TERM PROTECTION FOR BEAUTIFUL FACADES



COMPONENTS WINDOW SILLS

SYSTEM ACCESSORIES

GUTMANN SLIDING CLOSURE BF 4006 / BF 2506

This innovative product once more proves GUTMANN AG expertise when it comes to exterior aluminium window sills. The filigree, elastic aluminium window sill sets new standards in terms of design and function. Reliability, security and economic efficiency are united in one product.

› Attractive design through filigree shape.

› Integrated expansion compensation (3 mm on each side).

› Plaster edge width 22 mm.

› Also available for clinker/concrete connection.

› Cost effective processing: ONE PIECE.

› Resistant to heavy rain (system test).

› Ideal for use in external thermal insulation composite systems (ETICS).

› Available with overhangs from 50 mm to 500 mm for GUTMANN window sill systems.

› White (RAL 9016) , E6/EV1 (anodized) and anthracite grey (RAL 7016) standard colors, all RAL colors are available.

GUTMANN SLIDING CLOSURE BF 4004 / BF 2504 with PK Plasterwork Edge Profile

Until now, side window sill closures have always had to be notched when installing shutter rails or sun blind guide profiles – a very time-consuming process. The GUTMANN PK plasterwork edge profile does away with this work step entirely. The mounting bracket is designed in such a way that it can be cut to the required length and mounted in front of the shutter guide rail. This procedure means that there is no need to notch the closure, thus allowing the shutter guide rail to be completely plastered in.

The GUTMANN PK has been designed specially for the new BF4004 / BF2504 aluminium housing, but can also be used with the standard aluminium edging pieces B404 and B254.

› Clear lines for suitable look.

› Simple, efficient installation.

› Drainage via window sill.

› Suitable for use in external thermal insulation composite systems (ETICS).

› Available widths: 24 mm | 34 mm | 50 mm.

› Available in the colors E6/EV1 anodised, RAL 9016 white, RAL 7016 anthracite grey. All RAL colors also possible.

COMPONENTS WINDOW SILLS

SYSTEM ACCESSORIES

GUTMANN SLIDING CLOSURE KF 400 / KF 250

The visually appealing slim, elastic window sill closure is available in white, grey and brown. It features a plaster edge width of 22 mm and meets the requirements of planners and architects just as much as those of customers and processing businesses.

› Appealing appearance due to narrow design.

› Integrated expansion compensation (3 mm).

› Cost-effective processing: ONE PIECE (clip on and you're done!).

› Resistant to heavy rain (system test).

› Weather and UV-resistant.

› Ideal for use in external thermal insulation composite systems (ETICS).

› Available in overhang depths from 50 to 400 mm for the GUTMANN GS 40 Window Sill System.

› Available in overhang depths from 50 to 380 mm for the GUTMANN GS 25 Window Sill System.

› Available in white, grey and brown.

GUTMANN SLIDING CLOSURE MF 400

Technology combined with looks – high quality aluminium window sill closure with integrated expansion compensation stainless steel spring. Moreover, the filigree, harmoniously closed design of this aluminium window sill is a real eye catcher.

› High end design thanks to close mitre joint in the drip nozzle area.

› No plaster cracks: stainless steel spring provides up to 3mm of expansion compensation.

› Plaster edge width 22 mm.

› Ideal for use in external thermal insulation composite systems (ETICS).

› Resistant to heavy rain (system test).

› Available with overhangs from 110 mm to 500 mm for GUTMANN window sill systems.

› White (RAL 9016), silver (RAL 9006), brown (C34 metallic matt) and anthracite grey (RAL 7016) standard colors, all RAL colors are available.

COMPONENTS WINDOW SILLS

SYSTEM ACCESSORIES

GUTMANN WINDOW SILL HOLDER RV-TI

The thermally-separated GUTMANN RV-TI window sill holder prevents unnecessary heat loss. Holders must used on window sills with overhangs greater than 150 mm. Since they were normally made of aluminium, the cold was led behind the insulation to the structural masonry. A high loss of heat when one considers that the holders had to be installed at 60 cm intervals.

This intelligent accessory from the standard GUTMANN AG product range is – as expected – easy to process. Compared with conventional holders, installation does not take any longer. The benefits of the thermally-separated RV-TI window sill holder are essentially obtained in combination with thermally-insulated (ETICS) facades

› Effective contribution to thermal insulation.

› Positive change in surface temperature of 60%.

› An advantage in every external Thermal Insulation Composite System (ETICS).

› Easy installation.

GUTMANN WINDOW SILL CONNECTORS VF / VFG

Optimal connection ensures expansion compensation and achieves high driving rain resistance. The new window sill connectors VF/VFG – longitudinal and miter connectors – from the GUTMANN accessory range for window sills are equipped with an EPDM seal and matching seal cushion. This produces an easy installation, resulting in extremely efficient processing with outstanding results.

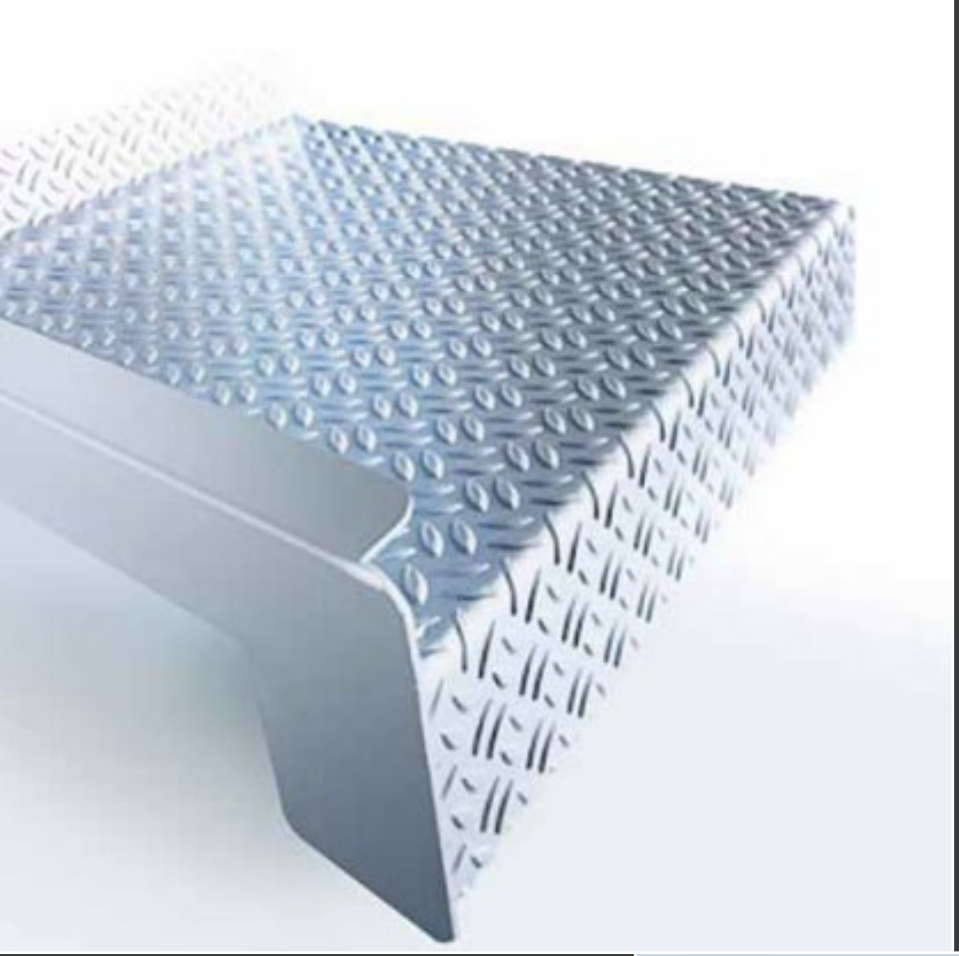
› Absolutely tight.

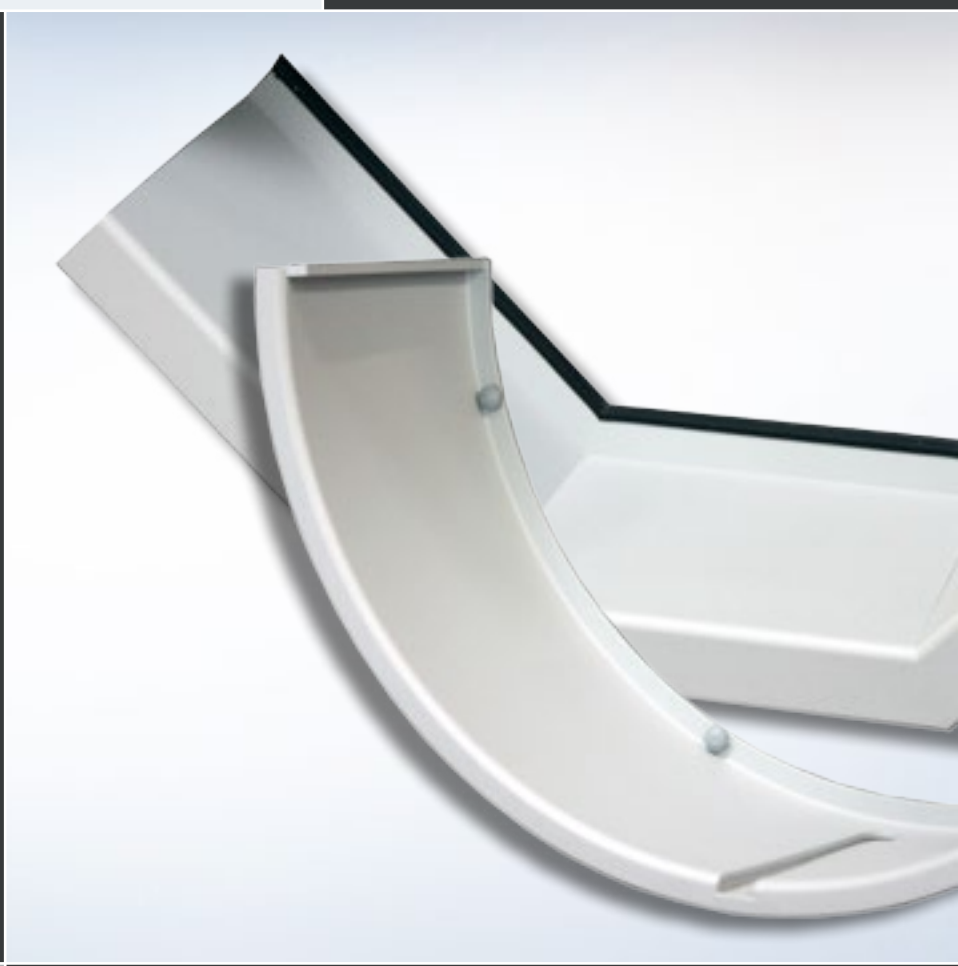
› GUTMANN window sill seal complete this programm.

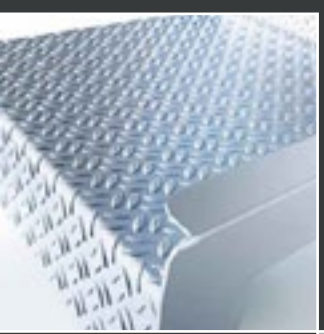
› Variants for 90° outside corner available.

› Variants for 90° inner corner available.

PERFECT COMPLEMENT







EXIT PROFILE & EDGINGS

SYSTEM ACCESSORIES

GUTMANN BALCONY EXIT PROFILE BAP

The balcony exit profile BAP 40 is an anti-skid balcony exit profile that impresses with appealing design and easy installation. Earlier balcony exits did not always provide the necessary safety, especially with rain and ice. The exit profiles close this gap with their fine impressions. The sloping sheet-metal is used at balcony or terrace steps, at a winter garden exit and anywhere safe footing is needed.

- Effective, appealing design.
- Anti-skid properties due to fine impressions.
- Coordinated with the standard accessories in the window sill range.
- Short delivery times.
- Custom shapes and colors are possible.
- Possible applications: for example, balcony-/terrace steps, winter garden exits.
- Optimized stock length: 2,500 mm.
- Easy installation.

SAFE FOOTING

GUTMANN EDGINGS

GUTMANN offers custom edgings for facades with high demands for construction, technology, appearance and design. Using numerous processing options with state-of-the-art tools and equipment, edgings can be produced in rolled aluminium, burnished brass or checkered sheet in lengths up to 6,000 mm. Rolled aluminium sheets are available in 1.5 mm, 2 mm, 3.0 mm and 4.0 mm thickness. Comprehensive know-how based on many years of experience guarantees expert advice for the customer.

- Building-specific production in all shapes and colors.
- Matching edged solutions in rolled aluminium or checkered sheet with the required anti-slip properties.
- Decorative wall cladding.
- Reveal elements/frames.
- Window sills with custom edge dimensions and shapes.
- Breast and wall covering.
- Flat roof edge construction and wall flashing.

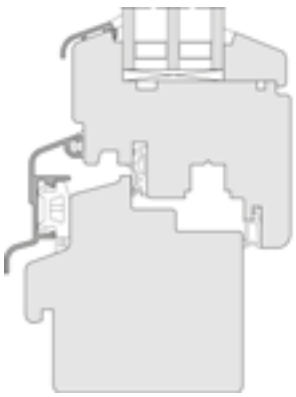
PRODUCTION TO SPECIFICATIONS

WEATHER BARS

SYSTEM ACCESSORIES

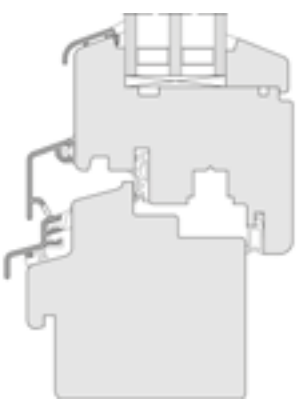
GUTMANN SPREE

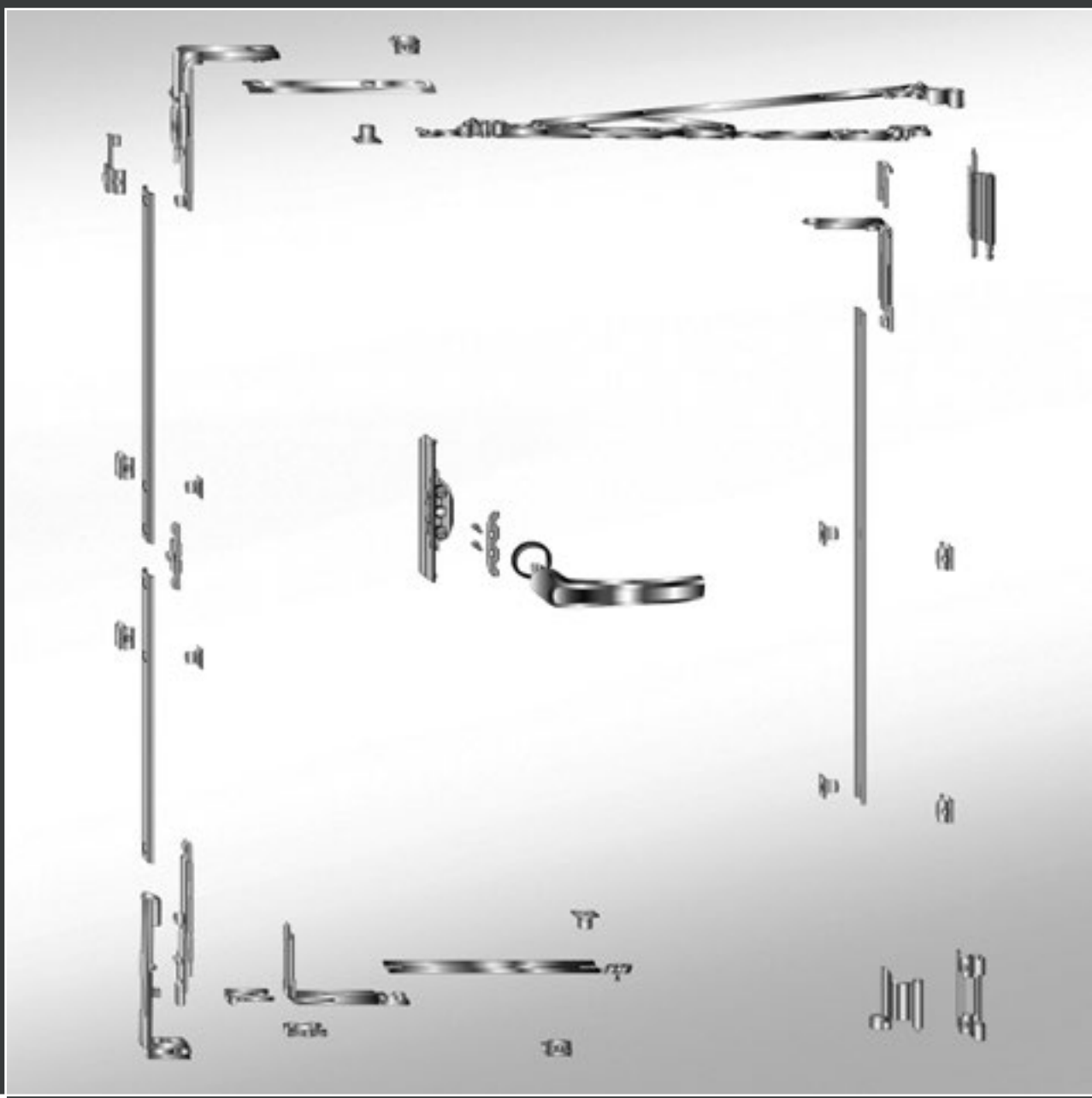
› Construction independent of rebate.
› Controlled surface water drainage via the frame.
› Optimal rear ventilation.
› Improved isotherm values due to the special geometry and assembly with plastic clip holders.
› Reduced condensation in the window assembly.
› End caps are not required.



GUTMANN SPREE D

› Construction independent of rebate.
› Controlled surface water drainage to the outside via the aluminium bar.
› Optimal rear ventilation.
› No capillary joint in the construction.
› Improved isotherm course through assembly on plastic holders and special weather bar geometry.
› Reduced condensation in the window assembly.
› Use of a combination cover optional (subsequent assembly prevents transport damage).
› End caps are not required.





FITTINGS FOR GUTMANN ALUMINIUM SYSTEMS

SYSTEM ACCESSORIES

GUTMANN ROTO T540/10 FITTINGS

Proven technology for tilt and turn windows.

› Optimum position of the screw axis on hinges and bearings, resulting in convenient and easy assembly.

› Offset and corner hinges and their respective bearings can be used on the left or right.

› Pre-installed aluminium clamping piece saves time.

› Pre-installed fitting components result in fewer parts.

› Subsequent adjustment of lateral position (+1 / -1) and height (+1,5 / -1) can be carried out on already-installed fittings.

› Attractive appearance: bearing flush with the sash, no visible screws.

› Sash dimensions of 1,600 x 2,400 mm (W x H) are available.

› Burglar resistance WK 1/RC 1 – WK 3/RC 3.

GUTMANN ROTO T540 FITTINGS, SURFACE-MOUNTED HINGE SIDE UP TO 160 KG

Specific usage for highrising window elements with a sash hights up to 2,700 mm.

› Sash weight max. 160 kg.

› Certification following QM 328.

› Stay arm opening width up to 190 mm for a large ventilation cross section, particularly adapted for profile systems with a big construction depth (for example passive house certified aluminium window systems).

› Compact hinge-side components in combination with the AL 540 central lock offer burglar resistance class up to RC 3 following DIN 1627-1630.

› Optional equipment such as the damped rotary limiter for complex object tenders.

GUTMANN ROTO AVDES FITTINGS

Completely concealed fitting for large and heavy aluminium windows up to 180 kg.

› Corner bearing installation without drilling or milling the frame.

› Time-saving assembly: all parts of the hinge side are clamped to the sash and frame.

› 3-dimensional adjustment of contact pressure (+0.8 / -0.8 mm), lateral adjustment (+2 / -2 mm) and height (+2 / -0.5 mm).

› Convenient adjustment, with only two tools, adjustment reserves are visible.

› Integrated grease pockets ensure permanent lubrication for less wear, resulting in low maintenance and smooth operation.

› Maximum corrosion protection due to a unique surface with RotoSil Nano.

› Sash dimensions of 1,600 x 2,400 mm (W x H) possible.

› Burglar resistance WK 1/RC 1 or WK 3/RC 3.

GUTMANN

ADDITIONAL PERFORMANCE DATA

SYSTEMATIC THERMAL INSULATION

GUTMANN had the passive house suitability of their MIRA, MIRA contour and MIRA contour integral product family tested on the basis of EN standards by ift Rosenheim.

Variants

› Spruce frame material (no supplementary insulation / no sandwich construction).

› Wood thickness 88 mm.

› Available with single, double and pitched rebate construction.

› Numerous additional profile combinations available.

› Efficient use of materials.

› Passive house suitability combined with proven usability.

Criteria / Requirements

› Uw ≤ 0.80 W/m²K | Uw installation ≤ 0.85 W/m²K.

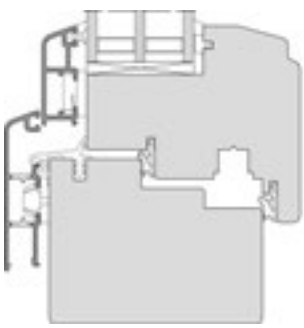
› Ug = 0.6 W/m²K.

› Warm glass edge seal (Swisspacer V)

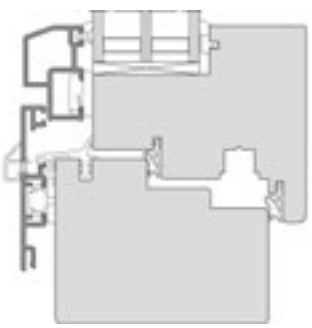
› Frame temperature factor f0,13 ≥ 0,88.

› Glass edge temperature factor fRsi ≥ 0,73.

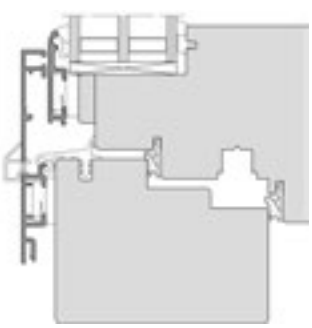
› Structure connection temperature factor fRsi ≥ 0,73.



GUTMANN MIRA



GUTMANN MIRA contour



GUTMANN MIRA contour integral

GUTMANN PASSIVE HOUSE SUITABILITY

Modularly-designed proof of testing and expert opinion from ift Rosenheim are available .

(Results are transferable to additional profile models in the GUTMANN MIRA system).

SYSTEMATIC SECURITY

GUTMANN offers a large selection of wood-aluminium systems for burglar protection that can be executed in many versions, depending upon visual and technical requirements. All versions satisfy current requirements according to the DIN EN 1627:2011 standard and, depending upon model, achieve RC 2 or RC 3 classification.

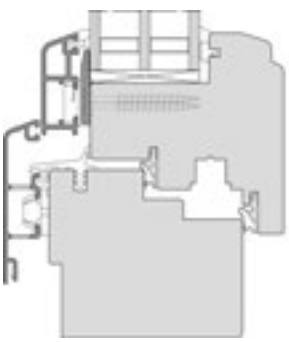
Variants

The following variants or model designs provide classification **RC 2** burglar resistance:

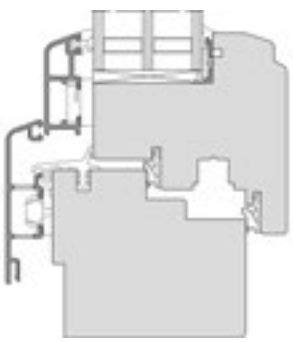
- GUTMANN MIRA, MIRA contour, MIRA contour integral.
- Sash sizes from really small to really large: sizes are only limited by fitting limitations.
- Wood species over 0,43 kg/dm³ specific gravity (spruce and above).
- Wood thickness 68 mm and above.
- Single and double rebate constructions.
- Various opening types: side hung, tilt & turn, double-sashed window, transom, fixed glazing, panel.
- Available with fittings from GU, Maco, Roto, Siegenia and Winkhaus.
- Fitting axis 9 mm and above.
- Burglar resistant P4A pane can be installed on the inside or outside.

Different variants can even be produced in **RC 3** elements:

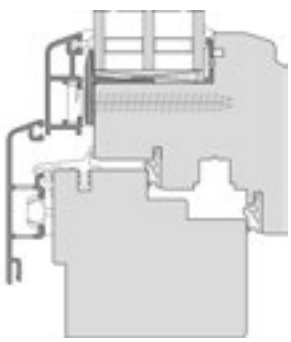
- Basic selection of wood-aluminium systems such as GUTMANN MIRA, MIRA contour, MIRA therm 08.
- Sash sizes from small to large: sizes are only restricted by fitting limitations.
- Wood thickness 78 mm and above.



GUTMANN MIRA



GUTMANN MIRA contour



GUTMANN MIRA contour integral

GUTMANN

OVERVIEW OF ALL SYSTEMS

OVERVIEW

WINDOW & DOOR SYSTEMS

ADVANTAGES

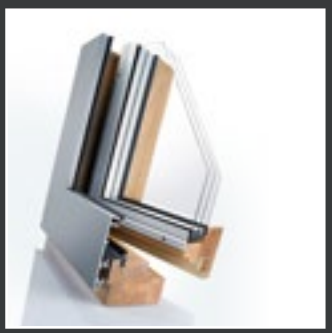
- Permanent protection for windows and doors thanks to the aluminium shell
- Individually adaptable thanks to variety of system variants
- Range of sizes allows for a high degree of creativity in design
- Almost unlimited choice of colors
- Outstandingly harmonized range of accessories
- Thermal insulation up to passive house certification possible

GUTMANN wood-aluminium windows and doors meet all design requirements while still allowing plenty of room for creativity. No matter how individual or unusual your requirements, GUTMANN can give you the right system.

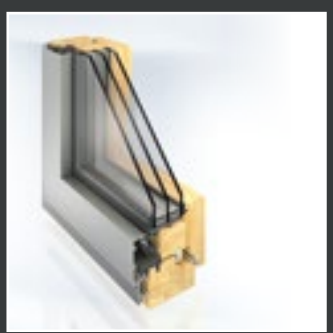
In almost any color, any shape you can think of and for any purpose. Windows and doors with GUTMANN's aluminium systems are incredibly durable, and will retain their outstanding functional performance and classy look even after decades of intensive use.

GUTMANN MIRA

GUTMANN MIRA contour



GUTMANN MIRA contour integral

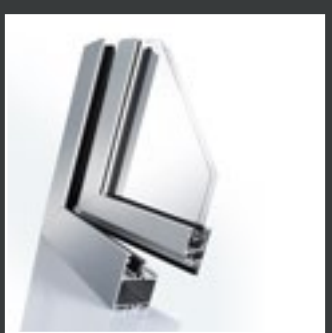


GUTMANN MIRA contour integral 50

GUTMANN MIRA therm 08

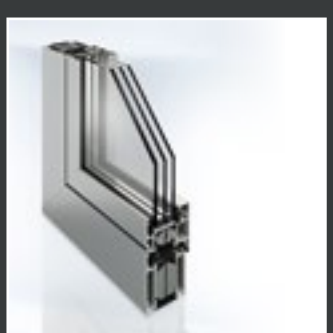
GUTMANN CORA

GUTMANN DECCO



GUTMANN S50u

GUTMANN S70+HW



GUTMANN S80+HW

GUTMANN S80+HW Door

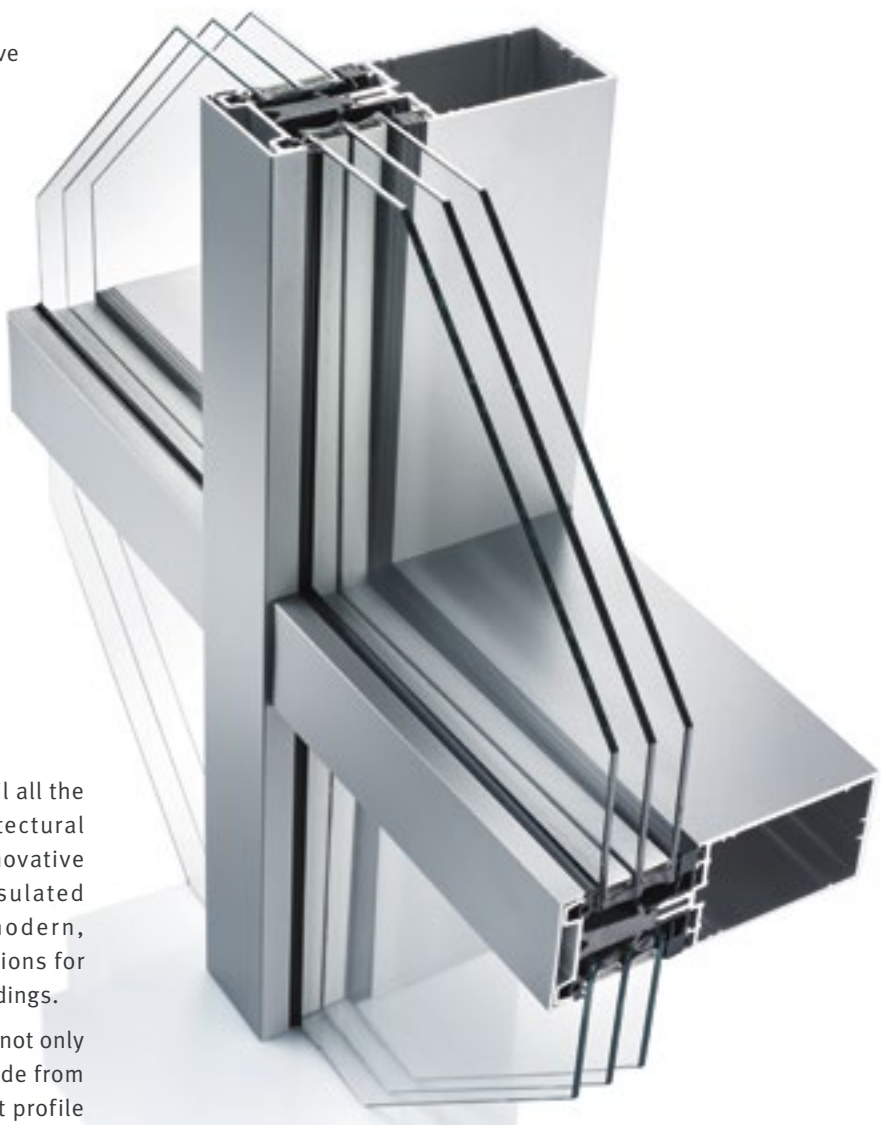
GUTMANN SC180+HW

OVERVIEW

CURTAIN WALL SYSTEMS

ADVANTAGES

- Large areas of glass for well-lit rooms
- Intelligent, functional design with outstanding performance figures
- Quick and easy to install; highly cost-effective
- Modern look with individual colors and modern lines
- Thermal insulation up to passive house certification possible



GUTMANN curtain wall systems fulfil all the requirements of the modern architectural world, and are characterized by innovative design details. The thermally insulated aluminium profiles with their modern, delicate look offer tailormade solutions for both residential and commercial buildings.

And the versatility of the products is not only evident in the materials they are made from – it can also be seen in the different profile contours and almost unlimited choice of surfaces and colors.

GUTMANN F50+ Passive

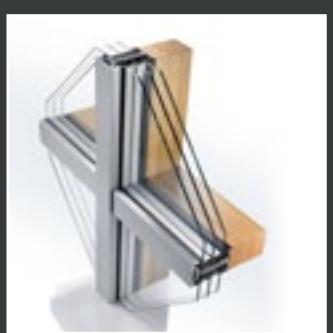
GUTMANN F50+ Semi SG

GUTMANN F50+ Optical SG

GUTMANN F50+ SG

GUTMANN F60+ Passive

GUTMANN HYBRID



GUTMANN LARA GF PH

GUTMANN LARA GF
ARCHITECTURAL BRONZE

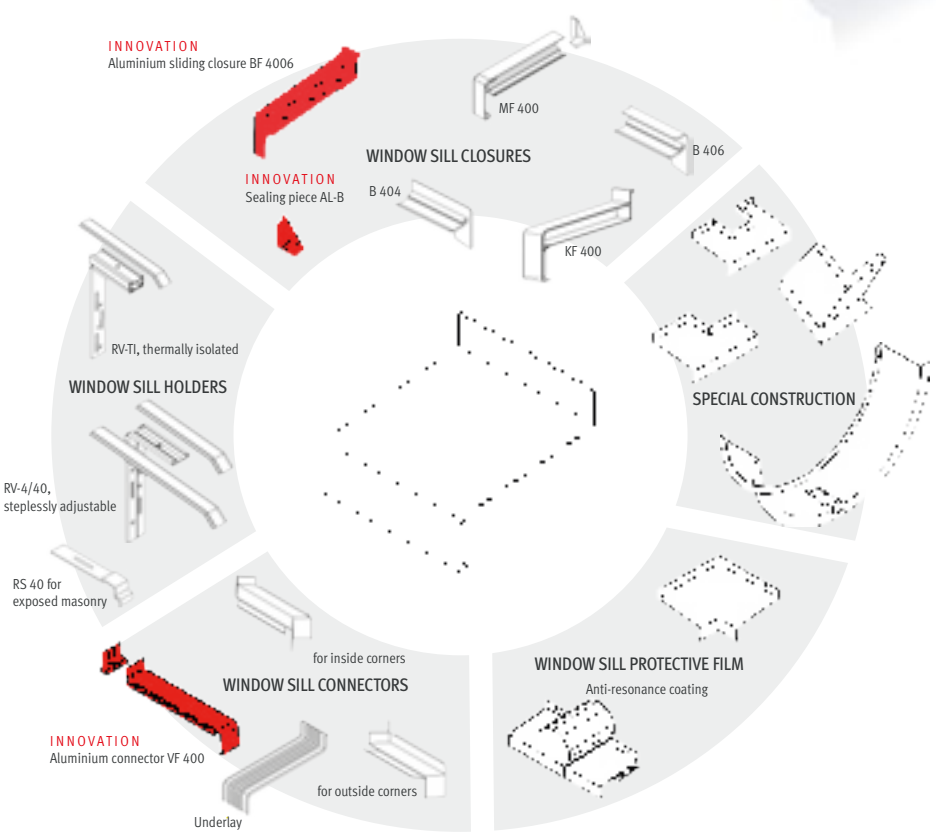
GUTMANN TWINLOC

OVERVIEW

SYSTEM ACCESSORIES

ADVANTAGES

- Long-lasting protection for beautiful curtain walls, windows and doors
- Optimum protection against weathering
- Barrier-free thresholds for limitless mobility
- Suitable, elegant design
- Easy-to-install, high-performance solution



GUTMANN FPS.I / FPS

GUTMANN Aluminium
Window Sills

GUTMANN Plastic
Sliding Closure KF

GUTMANN Aluminium
Sliding Closure BF

GUTMANN Aluminium
Sliding Closure MF

GUTMANN Window Sill Holder
RV-TI

GUTMANN Window Sill
Connectors VF / VFG

GUTMANN WESER 20
Threshold

GUTMANN WESER 32
Threshold

GUTMANN WESER ZERO
Barrier-free Threshold

GUTMANN Weather Bars

GUTMANN

COLORFUL ACCENTS

European Court of Justice | Luxembourg

COLORFUL ACCENTS

Colors and shapes form a harmonious unit together. The choice of colors can reinforce and accentuate the shapes. At the same time, appealing shapes can emphasize and bring out the effect of the colors.

Choosing the right colors is, therefore, an important factor in designing residential buildings. GUTMANN offers countless options for combination and variation. All RAL, NCS, decorative or special colors are available. This allows windows, doors, and curtain walls to perfectly match their environment in color.

- Standard RAL and DB colors, referred to GUTMANN Fan Deck
- Decoral colors / Wood look
- Anodised colors
- AOC colors(simulated anodised colors, coated)
- Micro-polished surfaces
- Trend colors

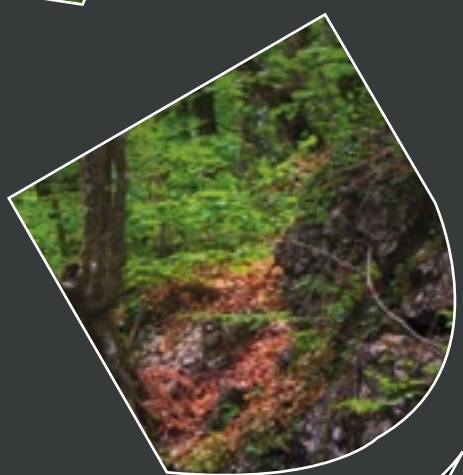
GUTMANN PREMIUM COLORS

Let yourself be inspired by the GUTMANN PREMIUM COLORS and give a unique, special look to your object. Whether elegant silver, warm red, gentle dark grey or rusty iron – these trend colors from GUTMANN have something for every taste. Find your favourite one or combine it with a different color to create the BICOLOR-look.

GUTMANN

ENVIRONMENT & GUTMANN

ENVIRONMENT & GUTMANN



GUTMANN is a member of A/U/F – a cooperation of system houses, manufacturers and suppliers in the aluminium industry. A/U/F promotes the future-oriented and environmentally-concious handling of aluminium. By recycling old aluminium windows, doors and facades as well as corresponding composite products such as wood-aluminium windows, sustainability is clearly underlined. A/U/F assures the qualified value of aluminium – in Germany and Europe. Furthermore GUTMANN Systems are passive-house certified – and also more value for the environment: progress taken one step further.

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