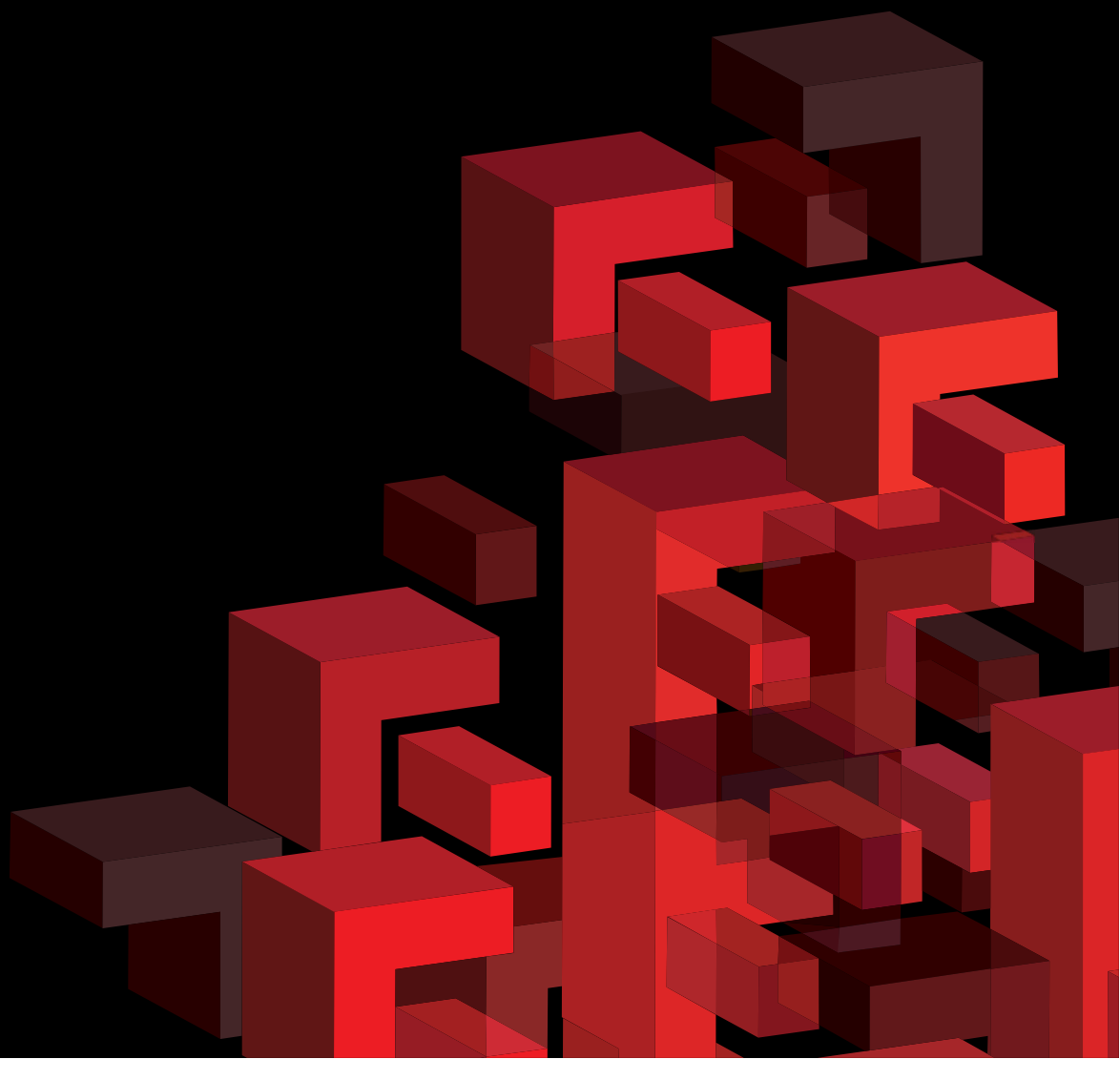
GUTMANN



EN 2020

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.

Cultural-historical Center Westmünsterland - KULT | Vreden, Germany

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.

Petrus-Jakobus-Church with a Community Hall | Karlsruhe, Germany

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 curtain 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 | Trevisio, Italy

Wellnessresort Südstrand | Wyk auf Föhr, Germany

CONTENT

WINDOW SYSTEMS

GUTMANN MIRA

Residential House | Karlsruhe, Germany

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)

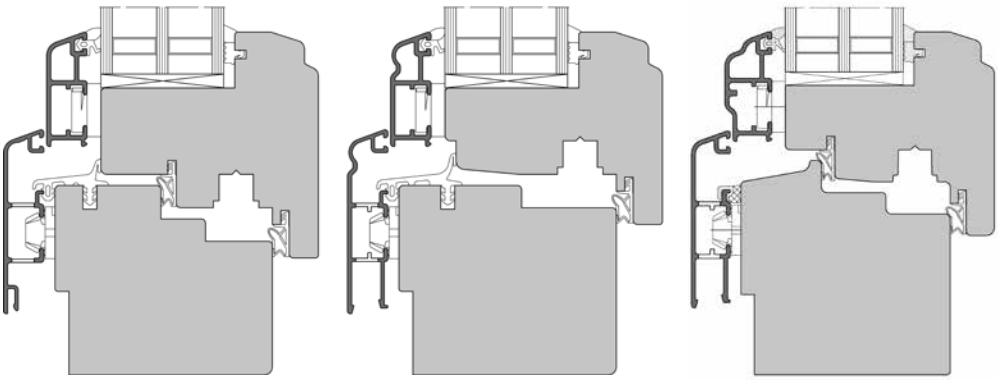
THERMAL INSULATION

U_f — 0,95

$U_{w\ triple}$[1] — 0,82

[1] Element size: 1,230 x 1,480 mm | Wood species: Spruce | Wood thickness: 88 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

Residential House | Bruchsal, Germany

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 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 contour 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)

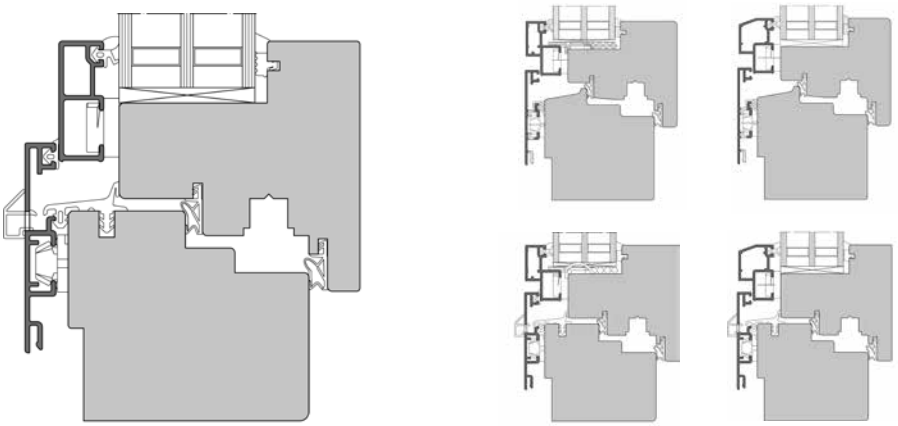
THERMAL INSULATION

U_f — 0,95

U_w triple[1] — 0,82

[1] Element size: 1,230 x 1,480 mm | Wood species: Spruce | Wood thickness: 88 mm | Ug value: 0.6 W/m²K | Glass spacer: Thermix TX.N plus

SYSTEM CROSS SECTION



GUTMANN MIRA contour integral

KULT | Vreden, Germany

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 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)

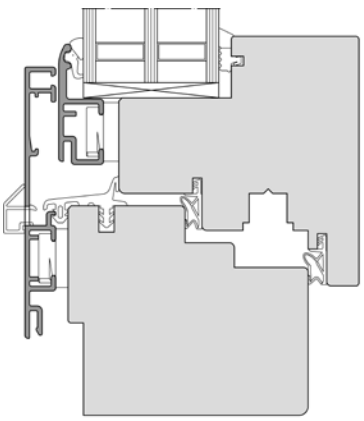
THERMAL INSULATION

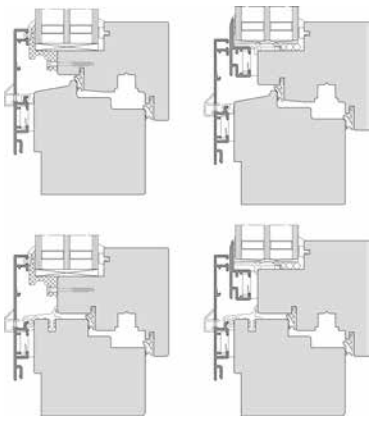
U_f — 0,95

U_w triple[1] — 0,82

[1] Element size: 1,230 x 1,480 mm | Wood species: Spruce | Wood thickness: 88 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 pitched 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	9A	Wind load	C3/B3
Air permeability	4	Impact resistance	5

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

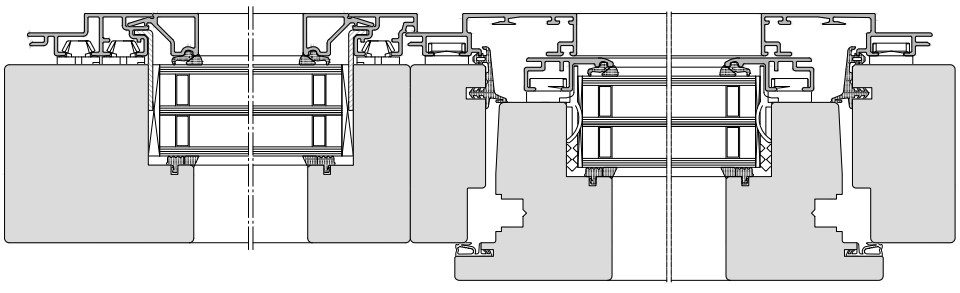
THERMAL INSULATION

U_f — 0,95

$U_{w\ triple}$[1] — 0,82

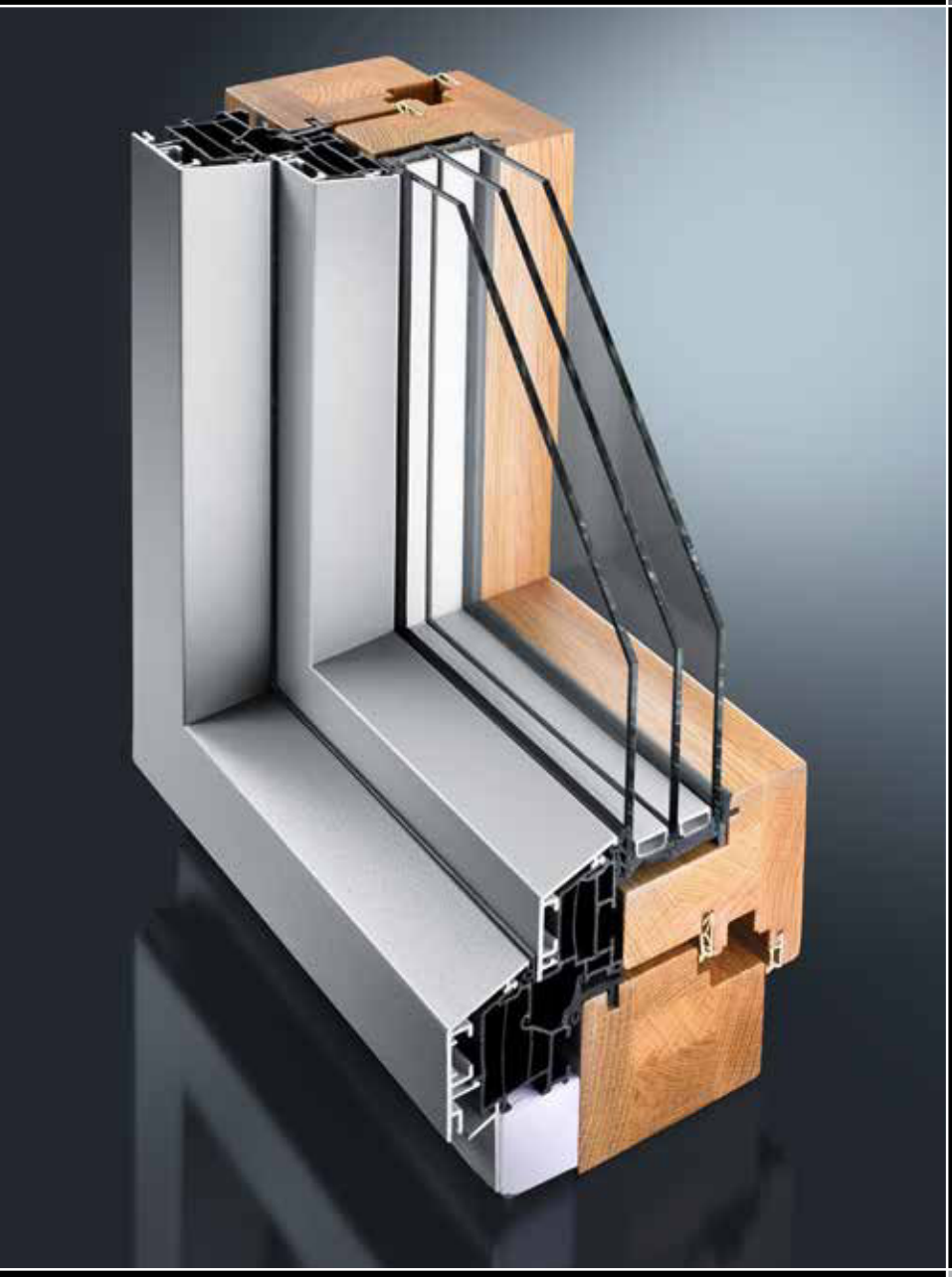
[1] Element: Wood species: Spruce | Wood thickness: 88 mm | Ug value: 0.6 W/m²K | Glass spacer: Thermix TX.N plus

SYSTEM CROSS SECTION



GUTMANN MIRA therm 08

Residential House | Tresivio, Italy



WOOD-ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

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

- Very good technical properties for thermal insulation.
- In combination with a triple-glazed pane (Ug = 0.7 W/m²K) and a 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 2,495 mm)

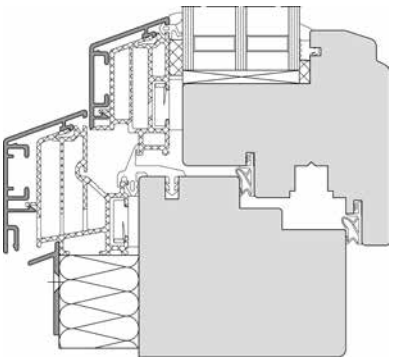
THERMAL INSULATION

U_f — 0,76

$U_{w\ triple}$[1] — ≤ 0,80

[1] Element size: 1,230 x 1,480 mm | Wood species: Spruce | Wood thickness: 78 mm | Ug value: 0.7 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION



GUTMANN MIRA CTS | MIRA contour CTS | MIRA contour integral CTS

WOOD-ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

› Innovative milling contour for a total frame view width of well under 100 mm.

› Elegant shell design and more design options thanks to the modular design. Fabrication of various aluminium profile contours with the same wood cross-section and holder position.

› Very large glass lights are possible. Capacity for heavy glass weights.

› High-quality corner joint of sash frames in punched or welded design.

› Extensive system testing for CE marking.

› Burglar resistant RC 3.

› Glazing can be done with pane adhesive or with dry glazing.

› Automated installation of the pivot holder directly on the sash frame.

› Easy installation of the integrated FPS-I fall-prevention glazing.

› Special shapes, such as round arches and sloped components.

› Narrow sash facings inside, for small windows and deep wood cross-sections.

› Wooden windows can be produced with a milled glazing bead on the sash.

› A wide range of structural connection profiles and accessories are available from the GUTMANN range.

SYSTEM PROPERTIES OF CLASSES

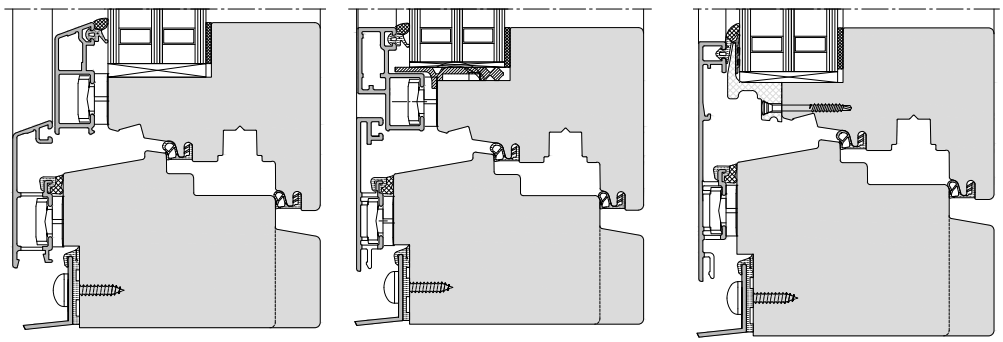
Water tightness	9A	Wind load	C3/B3
Air permeability	4	Operating forces	1

Test sample: Double-sashed tilt & turn window with operable center section (2,200 mm x 2,200 mm) | Wood thickness: 78 mm

THERMAL INSULATION

[1] Element size: 1,230 x 1,480 mm | Wood species: Spruce | Wood thickness frame: 106 mm | Wood thickness sash: 90 mm | Ug value: 0.6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION



MIRA CTS | MIRA contour CTS | MIRA contour integral CTS

GUTMANN MIRA RS | MIRA contour RS | MIRA contour integral RS

WOOD-ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

› Same milling contour as on the wooden window on the lower frame profile.

› High-quality aluminium inside face width in the lower frame area.

› Elegant shell design and more design options thanks to the modular design. Fabrication of various aluminium profile contours with the same wood cross-section and holder position.

› High-quality corner joint of sash frames in punched or welded design.

› Special shapes, such as round arches and sloped components, are possible.

› A wide range of structural connection profiles and accessories are available from the GUTMANN range.

SYSTEM PROPERTIES OF CLASSES

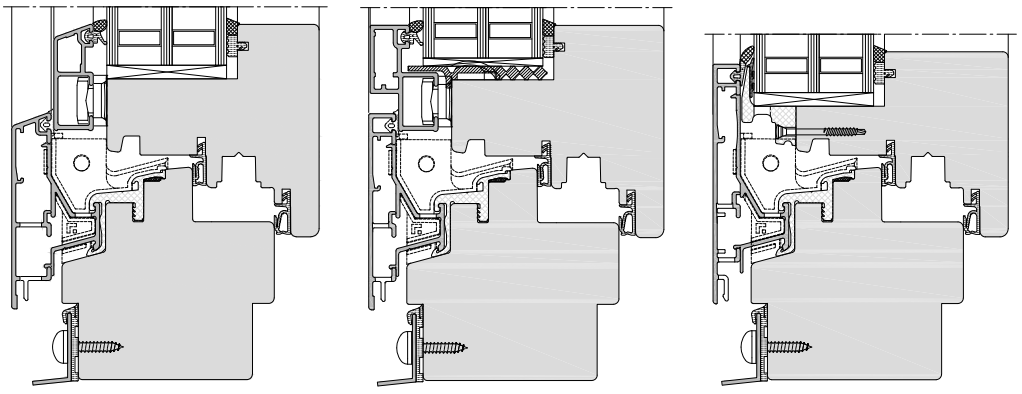
Water tightness	9A	Wind load	C3/B3
Air permeability	4	Operating forces	1

Test sample: Double-sashed tilt & turn window with operable center section (2,200 mm x 2,200 mm) | Wood thickness: 78 mm

THERMAL INSULATION

[1] Element size: 1,230 x 1,480 mm | Wood species: Spruce | Wood thickness: 78 mm | Ug value: 0.6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION



MIRA RS | MIRA contour RS | MIRA contour integral RS

GUTMANN MIRA SF 2 | MIRA contour SF 2

WOOD-ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

The GUTMANN MIRA SF 2 is a new addition to the MIRA system family. The angle of the inclined water drain has been increased to max. 13°. All standard accessories in the MIRA family can be used without restrictions in the elegant GUTMANN solution. The MIRA pitched rebate construction can also be combined with GUTMANN MIRA and MIRA contour sash profiles.
The system tests RC and FPS-I and for water tightness and air permeability are transferable.

- Modern design in an angular style providing maximum energy efficiency with the highest possible safety and comfort.
- Fixed glazing in a facing frame profile (20 mm glass edge cover) without bevelling the inclined water drain.
- Inclined water drain of max. 13°.
- Small opening angles (sash width min. 400 mm) are possible with wood thicknesses of 88 mm or more.
- Standard system accessories from the MIRA system family can be used.
- Transferable system tests from the MIRA family.

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)

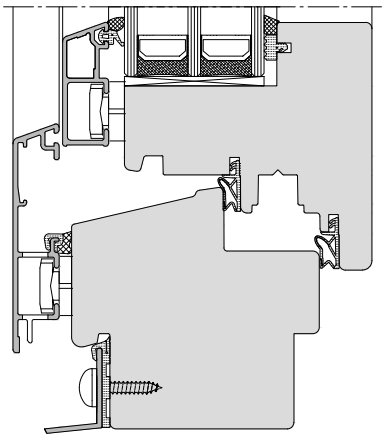
THERMAL INSULATION

U_f — 0,95

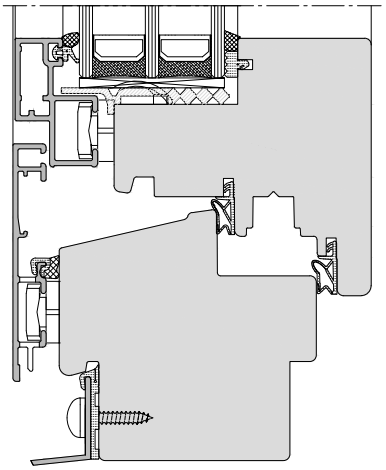
$U_{w\ 3\text{-fach}}$[1] — 0,82

[1] Element size: 1,230 x 1,480 mm | Wood species: Spruce | Wood thickness: 88 mm | Ug value: 0.6 W/m²K | Glass spacer: Thermix TX.N plus

SYSTEM CROSS SECTION



MIRA SF 2



MIRA contour SF 2

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	9A	Wind load	C4/B4
Air permeability	4	Operating forces	2

Test sample: Single sash top-hung window with fixed side glazing, outward opening (1,600 mm x 1,200 mm)

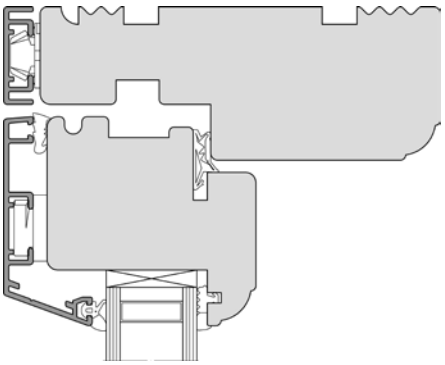
THERMAL INSULATION

U_f — 1,5

U_w double[1] — 1,4

[1] Element size: 1,230 x 1,480 mm | Wood species: Spruce | 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.

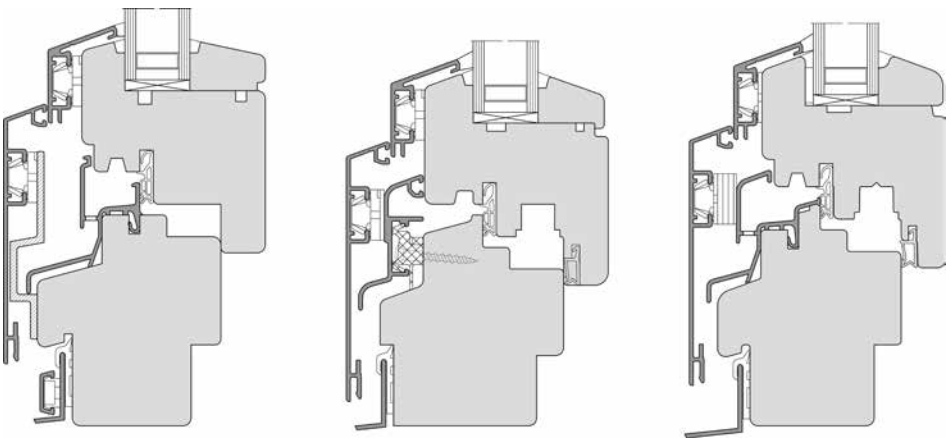
› Coordinated profile widths enable continuous frame outer edges for perfect connections to walls and plaster.

› 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 GWD 050n

Gmünder Health Insurance Company |
Schwäbisch Gmünd, Germany

ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

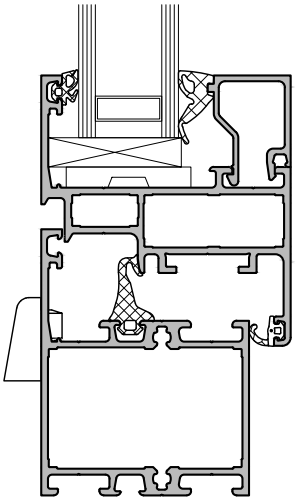
The window series GUTMANN GWD 050n is the universal profile system for separating walls and wall-units in the interior of buildings. With an installation depth of 50 mm, the focus is directed on cost-effectiveness, time and money savings due to efficient production, as well as optimized stock-keeping.

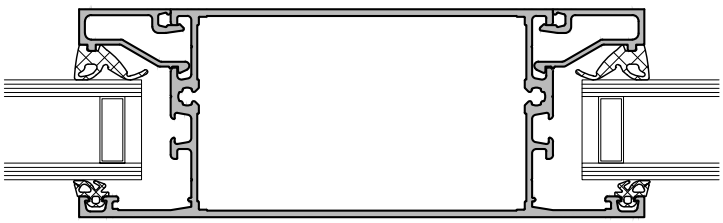
› Frame profile depth: 50 mm | Sash profile depth: 60 mm.

› 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 GWD 070

GLEIS 1 | Kreuzlingen, Switzerland

ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

Reliable window series with a basic depth of 70 mm. Fulfils the highest demands on thermal and sound insulation. Through the development of a modular system construction kit, a large number of thermally insulated to highly thermally insulated constructions can be produced at a very economical price.

Standard windows **thermally insulated** with good insulation of U_f = 1.9 W/m²K. Thermally and structurally optimised Winglet insulators with high-strength PA 6.6 fiber-glass technology.

Highly thermally insulated premium window with peak value of U_f = 1.4 W/m²K. 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.

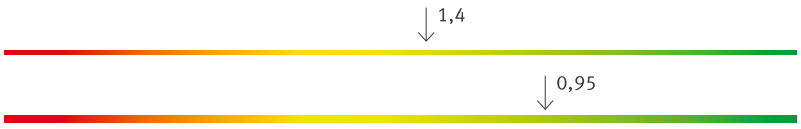
- Symmetrical, stable structural design with identical corner and T-connectors.
- Surface-mounted fittings up to sash weights of 300 kg; concealed fittings up to 180 kg.
- Use of glass up to 60 mm in the sash, 50 mm in the fixed panel.
- Sound isolation up to 47 dB (SSK 5).
- Burglar resistance RC 1N, RC 2 and RC 3 in accordance with DIN EN 1627.
- Euro groove for free choice of hardware.

SYSTEM PROPERTIES OF CLASSES

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

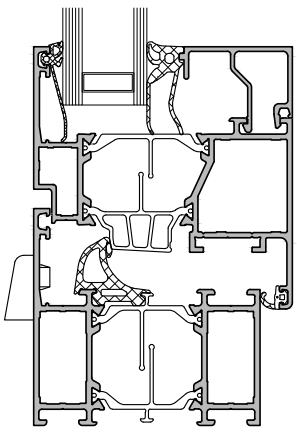
Representation highly insulated performance: Element size: 1,172 mm x 2,472 mm (single sash window)

THERMAL INSULATION

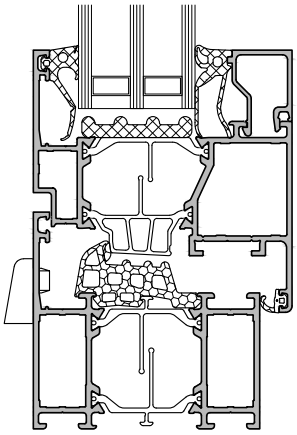


[1] Element size: 1,230 x 1,480 mm | Ug value: 0.6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION



thermally insulated



highly thermally insulated

GUTMANN GWD 070i

Business Park PARADIES | Lyssach, Switzerland

ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

Proven window series with concealed sashes and a basic depth of 70 mm. Meets high requirements on thermal and sound insulation. By developing a modular system construction kit, it is possible to manufacture a wide range of insulated and even highly insulated element constructions in a favorable price-performance ratio.

Standard windows **thermally insulated** with good insulation of U_f = 2.1 W/m²K with thermally and statically optimised winglet insulators in high-strength PA 6.6 glass fibre technology.

Premium **highly insulated window** with peak value of U_f = 1.7 W/m²K, 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.

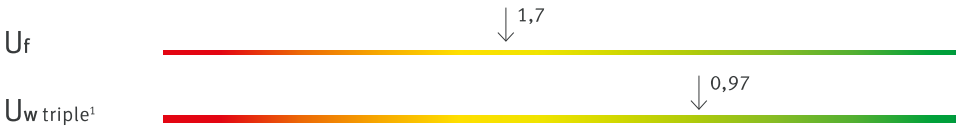
- Symmetrical, stable structural design with identical corner and T connectors.
- Surface mounted fittings up to sash weights of 300 kg; concealed fittings up to 180 kg.
- Face width from 71 mm for tilt & turn windows.
- Use of glass up to 46 mm in sash.
- Euro groove for free choice of hardware.
- Soundproofing 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

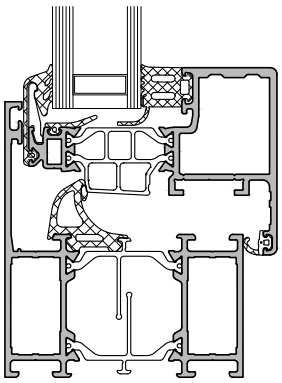
Representation highly insulated performance: Element size: 1,172 mm x 2,472 mm (single sash window)

THERMAL INSULATION

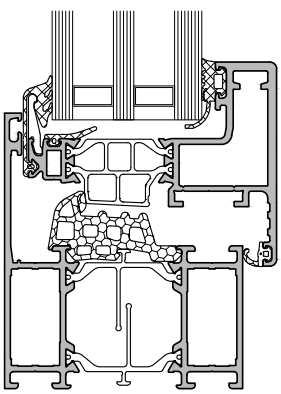


[1] Element size: 1,230 x 1,480 mm | Ug value: 0.6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION



thermally insulated



highly thermally insulated

GUTMANN GWD 080

Blumenrain | Switzerland

ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

Innovative and modern window system with construction depth of 80 mm. As with the proven GWD 070 window series, the modular system design and the common parts were systematically adjusted here. It can be adjusted to the user's requirements from thermally insulated to highly thermally insulated level and also to passive house level with simple additions.

- **Thermally insulated** window series with peak value of U_f = 1.3 W/m²K.
- **Highly thermally insulated** premium window series with peak value of U_f = 1.0 W/m²K.
- **Passive house** window system with a peak value of $U_f \leq$ 0.8 W/m²K.
- 5-chamber,coextruded hollow chamber central gasket, glass rebate insulation for improved thermal insulation.
- Thermal and structural high-end insulators in GUTtherm material technology.
- Eurogroove for free choice of hardware.
- Surface-mounted fittings up to sash weights of 300 kg; concealed fittings up to 180 kg.
- Use of 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

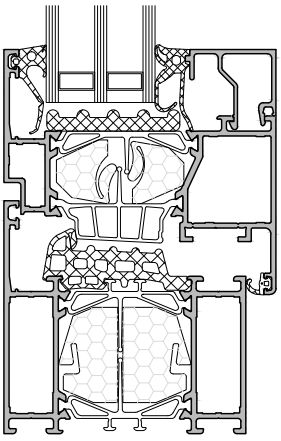
Water tightness	E1050	Wind load	C 5/B 5
Air permeability	4	Operating forces	1

Representation passive house viability performance

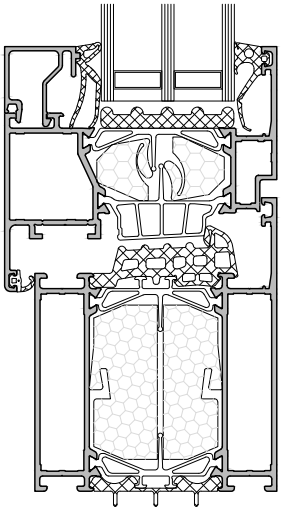
THERMAL INSULATION

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

SYSTEM CROSS SECTION



higly thermally insulated



passive house

GUTMANN GWD 080i

Quartier West | Darmstadt, Germany

ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

Innovative and modern window series with a basic depth of 80 mm and concealed sash. As with the proven GWD 070i window series, the modular system design and the equal parts are also adopted here.

- **Highly thermally insulated** premium window series with peak value of U_f = 1.3 W/m²K.
- 5 chamber, coextruded hollow-chamber central gasket, glass rebate insulation to improve thermal insulation.
- Symmetrical, stable structural design with identical corner and T-connectors.
- Thermal and static 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, 57 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

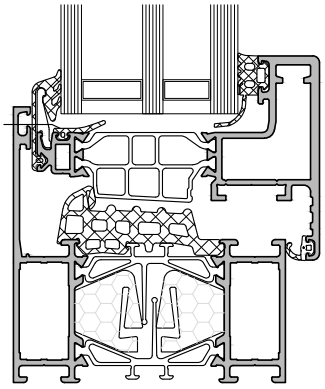
Water tightness	E1050	Wind load	C 4/B 4
Air permeability	4	Impact resistance	4

Representation highly insulated performance

THERMAL INSULATION

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

SYSTEM CROSS SECTION



highly thermally insulated

GUTMANN SKYLIGHT

ALUMINIUM
WINDOW SYSTEM

SYSTEM DESCRIPTION

Compatible with GUTMANN facade system GCW 050/060 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 GWD 070 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 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°

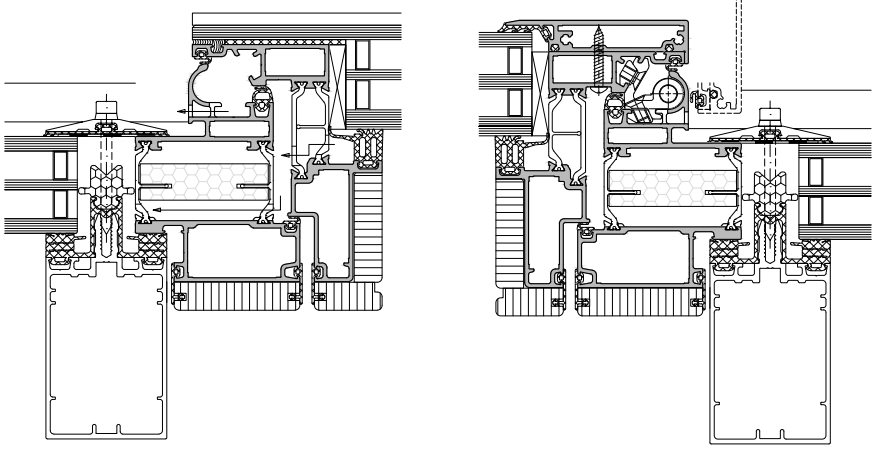
THERMAL INSULATION

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).

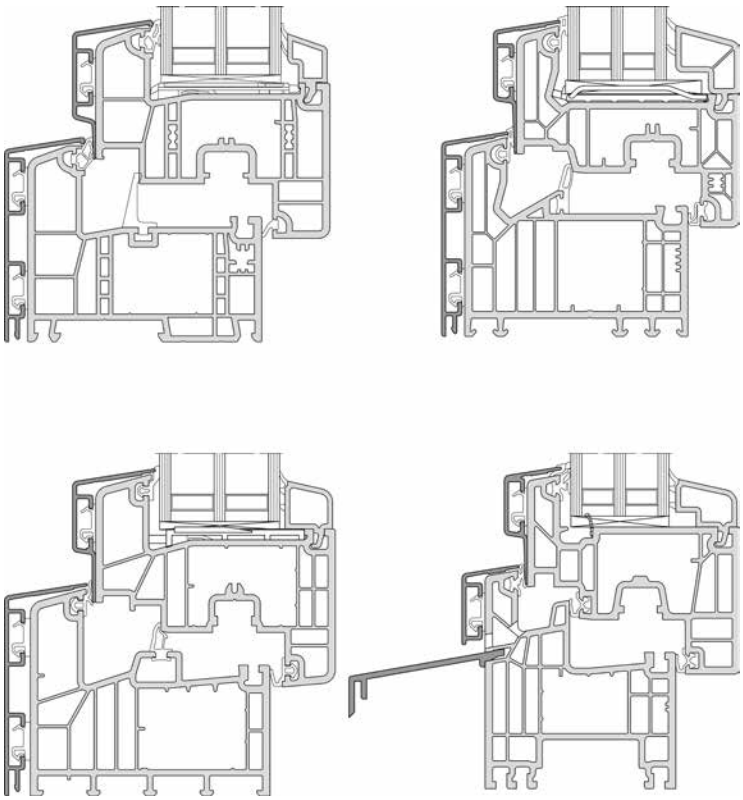
› High-quality exterior appearance due to numerous color combination and variation options. All RAL, NCS, decorative and special colors are available. Even short runs or individual products are available in any RAL color.

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

SYSTEM PROPERTIES OF CLASSES / THERMAL INSULATION

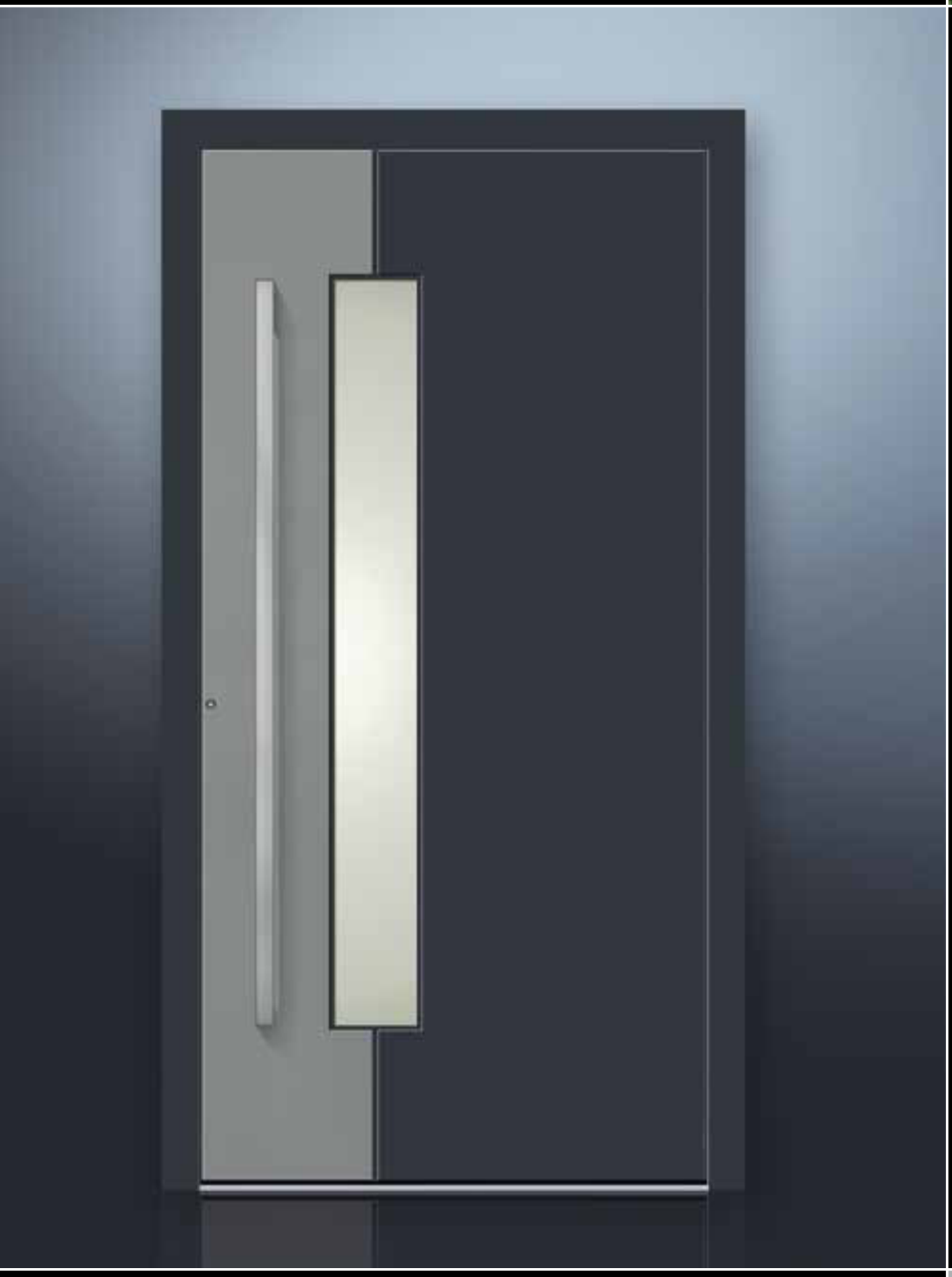
None of the properties of the PVC window system being used, such as thermal insulation, noise protection and tightness, are affected by the aluminium face shells.

SYSTEM CROSS SECTION



DOOR SYSTEMS

GUTMANN DOOR LEAFS
GUTMANN ALLIGNO



WOOD-ALUMINIUM
DOOR SYSTEM

SYSTEM DESCRIPTION DOOR LEAFS

› 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. Practically unlimited color selection.
› Weather resistant, durable, low maintenance.
› 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 DESCRIPTION ALLIGNO

› A choice of 9 modern standard models.
› Bicolor look available.
› 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

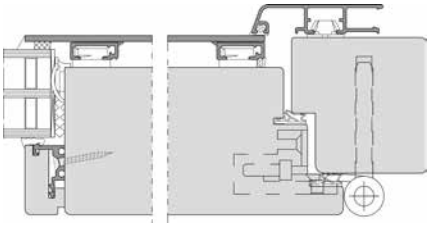
THERMAL INSULATION

U_f — 1,4

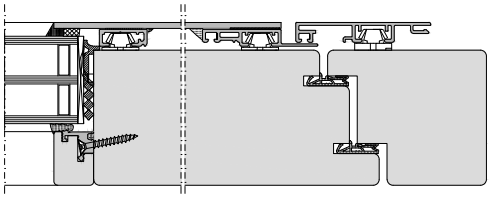
U_D triple[1] — 1,0

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

SYSTEM CROSS SECTION



Standard door leaf



GUTMANN ALLIGNO

GUTMANN GWD 050n

ALUMINIUM
DOOR SYSTEM

SYSTEM DESCRIPTION

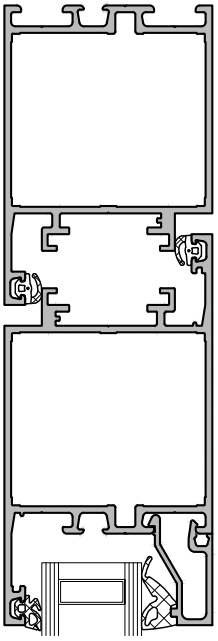
The door series GUTMANN GWD 050n is the universal profile system for separating walls and wall-units in the interior of buildings. With an installation depth of 50 mm, the focus is directed on cost-effectiveness, time and money savings due to efficient production, as well as optimized stock-keeping.

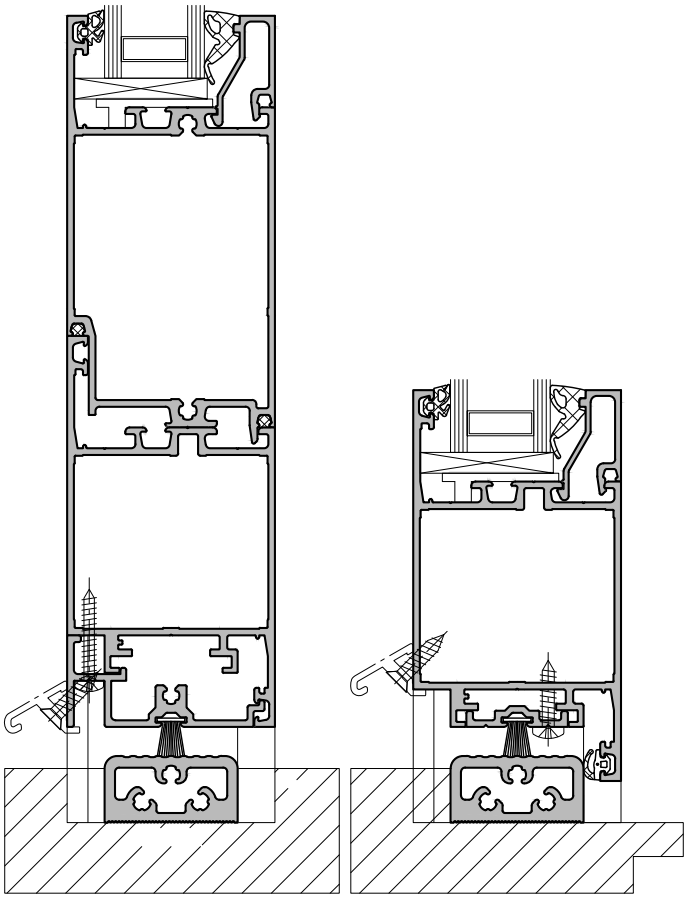
› Door series GUTMANN GWD 050n of non-insulated aluminium profiles.

› Interior glazing gaskets flush with aluminium profile.

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

SYSTEM CROSS SECTION





GUTMANN GWD 070

Gleis 1 | Schweiz

ALUMINIUM
DOOR SYSTEM

SYSTEM DESCRIPTION

The flush-mounted door series impresses with a favorable price-performance ratio and is for many requirements an economical and proven door series. The basic depth of 70 mm allows the use of filling thicknesses up to 50 mm. The compatibility with the GWD 070 window series enables the use of accessories that save storage space. As with the GWD 070 window series, great importance was also placed to the modular system structure of the door series..

- 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 GWD 070 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 the three-chamber system.
- Door sash with optional leaf-enclosing infill.
- Burglar resistance up to WK 3/RC 3.
- Single and double leaf 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

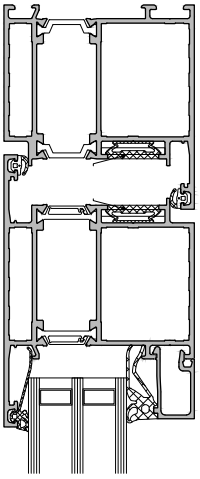
THERMAL INSULATION

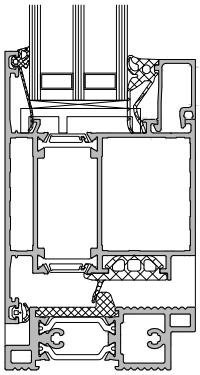
U_f (middle) — 2,7

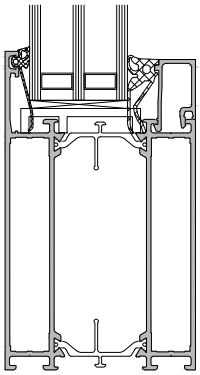
U_D triple[1] — 1,5

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

SYSTEM CROSS SECTION







GUTMANN GWD 080

Blickle Rollen & Räder | Switzerland

ALUMINIUM
DOOR SYSTEM

SYSTEM DESCRIPTION

The flush-fitted door series impresses with its functional qualities, design and technical characteristics. The basic depth of 80 mm allows the use of filling thicknesses up to 60 mm. Narrow profile face width and combinations are matched to the static requirements regarding the maximum sizes and sash weights. Designed as single or double-leaf doors with barrier-free threshold solution. As with the GWD 080 window series, great importance was also placed to the modular system structure of the door series.

As a **thermally insulated** version, a standard door system with simple construction and maximum necessary accessories is available to meet general requirements for thermal insulation with an insulation value of $U_f = 2.5$ W/m²K.

For **highly thermal insulated** requirements, the standard door system can be equipped with a few accessories for the premium door series with a peak value of $U_f = 1.8$ W/m²K.

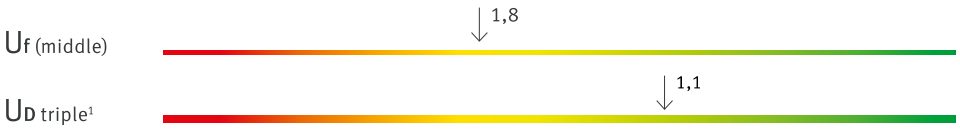
- Identical frame profile for inward and outward opening doors.
- Identical surface-mounted and barrel hinges for inward and outward opening doors in aluminium and stainless steel.
- Door sash with optional sash-enclosing infill.
- 1 and 2 sash doors (optional panic function) with side panel and transom light.
- Fitting lock side: delivery in cooperation with esco Metallbausysteme GmbH.

SYSTEM PROPERTIES OF CLASSES

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

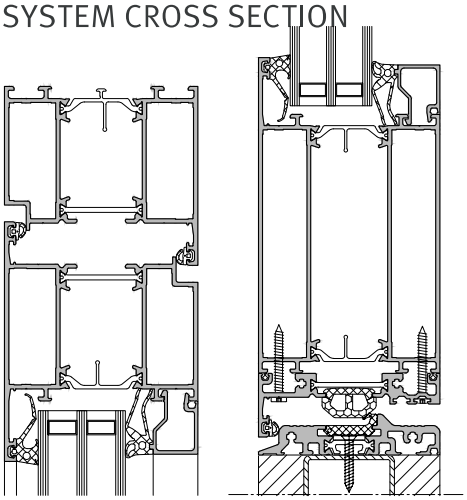
Representation highly insulated perfomance: PB 12-001311-PR 02

THERMAL INSULATION

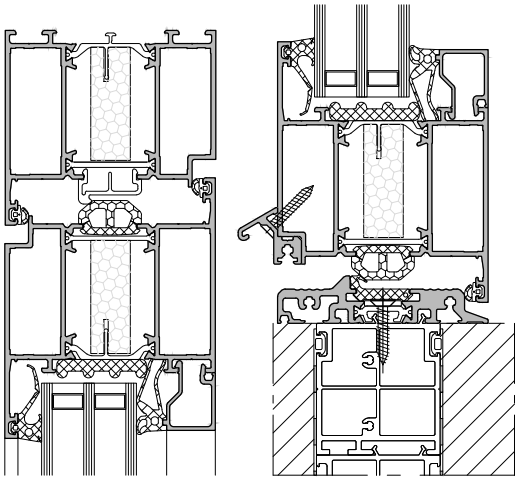


[1] Element size: 1,230 x 2,180 mm | Ug value: 0.6 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION



thermally insulated



highly thermally insulated

GUTMANN GWD 080
FP30SP

ALUMINIUM
DOOR SYSTEM

SYSTEM DESCRIPTION

Based on the proven GWD 080 door series, GUTMANN has developed the GWD 080 FP30SP, a fire protection door characterised by simple installation. The essential goal was to achieve this with as few additional parts as possible: It is not only the aluminium profiles for frames, sashes and transoms which are identical, but also many accessories such as corner brackets, connectors and seals that can be taken from the standard door series. Even the standard polyamide insulating bridge and processing tools of the series platform can be used. The profile system can be used for single-leaf or double-leaf elements available with toplight and/or side panel. In this way our GUTMANN customers can now benefit from a complete profile series – used on entrance doors, on high insulated front doors, on burglar-resistant, escape and fire protection doors – that can be carried out in all door constructions.

› Fire protection class EI30 made of profiles | Gaskets | Accessories of the standard profile series GUTMANN GWD 080.

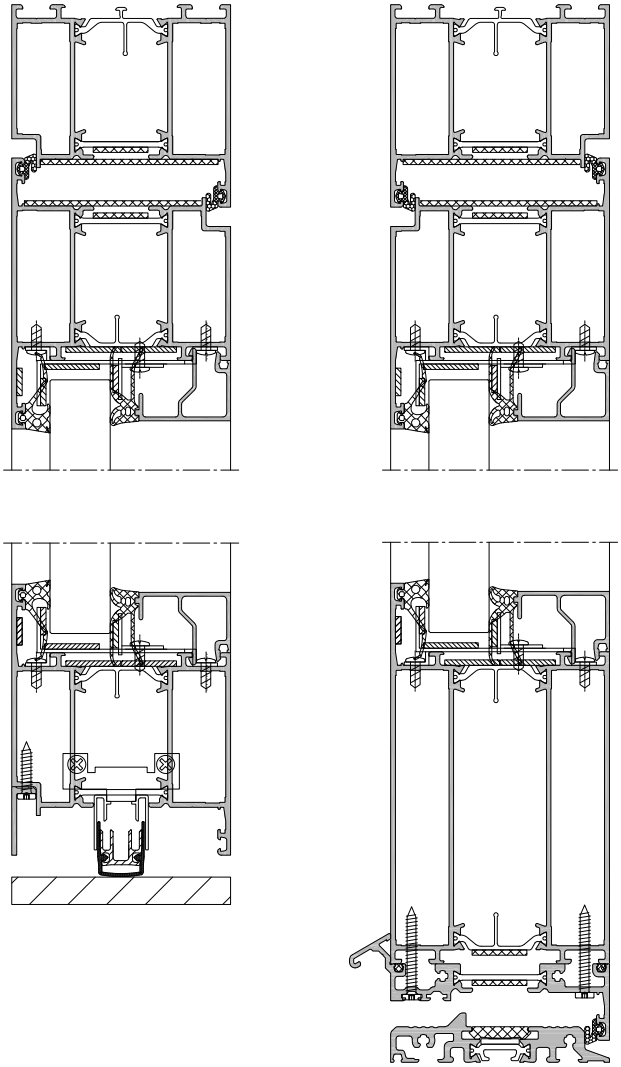
› Single- and double-leaf fire doors without additional inserts.

› Increased efficiency in production and additional combination options thanks to symmetrical profile design.

› Sash sizes up to 1,500 x 2,500 mm.

› Sash weights up to 250 kg.

SYSTEM CROSS SECTION



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.
- 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.
- Available with fittings from GU, Hautau, Maco and Siegenia.

SYSTEM PROPERTIES OF CLASSES

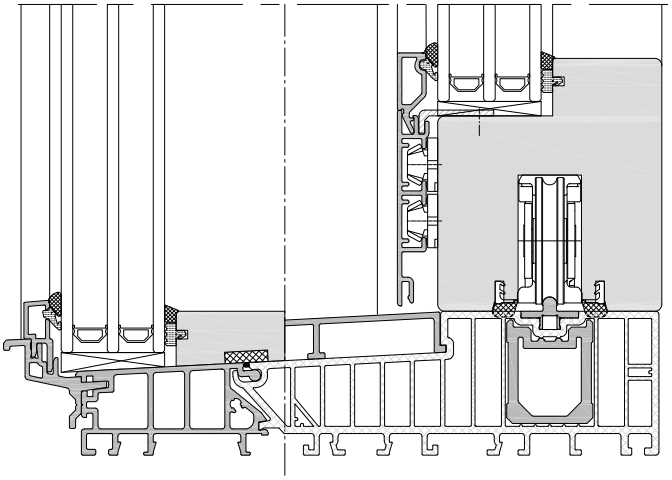
Water tightness	9A	Wind load	C 3/B3
Air permeability	4	Operating forces	1

Test sample: Wood-Aluminium Lifting and Sliding Door, Scheme A (3,800 x 2,600 mm) | Fitting: Siegenia | Wood thickness: 78 mm
The system properties are not transferable to all HST of the individual hardware systems.

THERMAL INSULATION

[1] Element size: 5,200 x 2,800 mm | Wood species: Spruce | Wood thickness: 78 mm | Ug value: 0.6 W/m²K

SYSTEM CROSS SECTION



GUTMANN MIRA contour
INOWA

WOOD-ALUMINIUM

SLIDING DOOR SYSTEM

SYSTEM DESCRIPTION

Sliding elements are a global trend. They let light into residential or business premises, allow free transition between inside and outside areas and save space at the same time.

The ROTO Patio Inowa fitting sets new standards when it comes to tightness thanks to all-round seals and active sealing points in the mullion. This makes it ideal for applications with high wind loads.

The GUTMANN MIRA contour, combined with the concealed fitting technology, facilitates modern designs through straight and narrow profiles and room-high glazing, thus providing the largest possible glass surface. Roto Patio Inowa represents smart sliding. It is completely mounted on roller bearings, making it easy to move the sahes – without unpleasant sliding noises.

Its innovative functionality applies high contact pressure across the frame profile, making it easy to lock with minimal effort.

SYSTEM PROPERTIES OF CLASSES

Water tightness	9A	Wind load	C 2/B 3
Air permeability	4	Operating forces	1

Test sample: Parallel opening sliding window door (3,500 mm x 2,662 mm) | Scheme A | Wood thickness: 78 mm

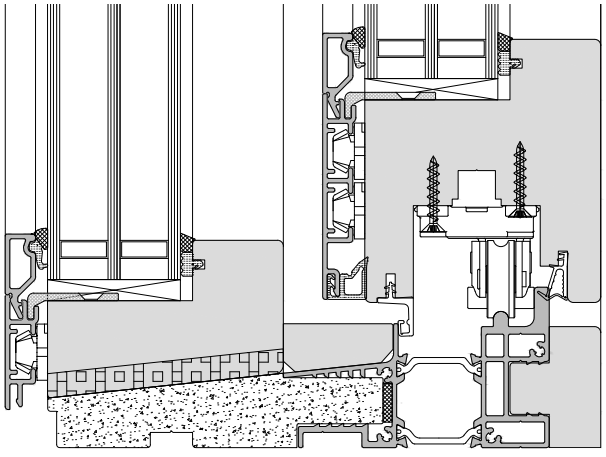
THERMAL INSULATION

U_f 1,3

U_w triple[1] 0,79

[1] Element size: 3,500 x 2,662 mm | Wood species: Spruce | Wood thickness: 78 mm | Ug value: 0.6 W/m²K | Glass spacer: Thermix TX.N plus

SYSTEM CROSS SECTION



GUTMANN GLS 180

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

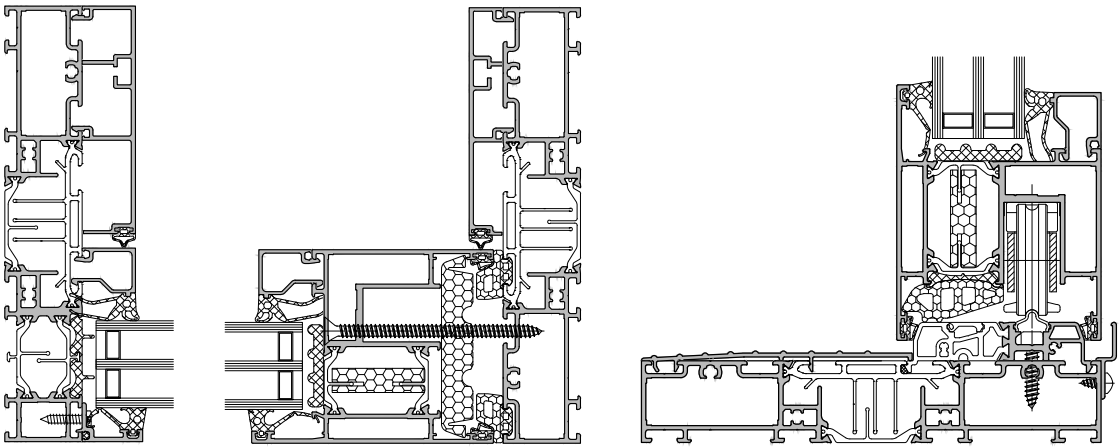
Water tightness	9A	Wind load	C 4/B 4
Air permeability	4	Operating forces	1
Mechanical strength	5	Mechanical durability	3

Scheme A

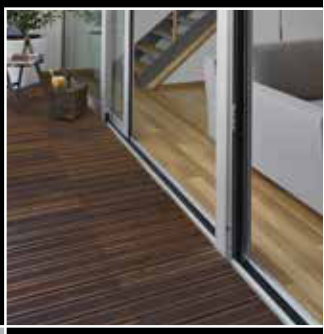
THERMAL INSULATION

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

SYSTEM CROSS SECTION



GUTMANN GS 180 INOWA



ALUMINIUM
SLIDING DOOR SYSTEM

SYSTEM DESCRIPTION

Premium tilt/slide windows and doors with excellent thermal insulation properties.

- Smooth sliding and convenient operation with minimal effort thanks to the innovative locking movement towards the frame.
- Maximum tightness due to the all-round seal and active and simultaneous operation of all locking points.
- Available in scheme A, DIN L/R.
- Large formats and designs for sash weights of up to 200 kg are available.
- Sash widths of 600 to 1,500 mm and sash heights of 1,000 to 2,500 mm are available.
- A large number of existing profiles and accessories can be used from the well known GUTMANN GLS 180 lift and slide door.
- Cost-effective, simple and fast fabrication of the system using primarily straight profile cuts.
- The sash elements are easy to install by simply placing the sash weight in the bottom track and simultaneously turning the sash into the upper installation position.

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

Target values | Scheme A

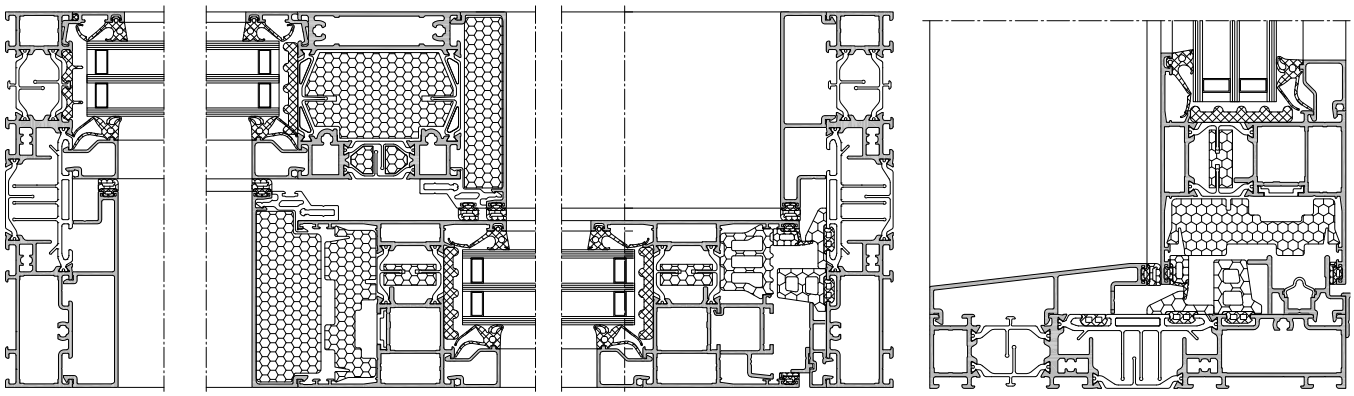
THERMAL INSULATION

U_f 1,6

U_D triple[1] 0,83

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

SYSTEM CROSS SECTION



GUTMANN HORIZON

ALUMINIUM
SLIDING DOOR SYSTEM

SYSTEM DESCRIPTION

PREFABRICATED ELEMENTS INCLUDING GLASS

The new minimalist sliding window system from GUTMANN impresses with a truly unique panorama and provides maximum light incidence. Simple operation and individual design for an unlimited room experience with highest comfort.

The window frame can be completely hidden in the wall, floor and ceiling. It is completely concealed so that a seamless connection allows an extensive and uninterrupted view of the outside. Even in closed position, the face width of the central sash bar is almost invisible.

GUTMANN HORIZON LUNA

› LUNA is an advanced minimal frames system able to deliver higher insulation performance and bigger sizes through thicker triple glazing.

GUTMANN HORIZON SOL

› SOL is our standard minimal frames system incorporating all the main features of the HORIZON system in a double-glazed setup.

SYSTEM PROPERTIES OF CLASSES (HORIZON LUNA)

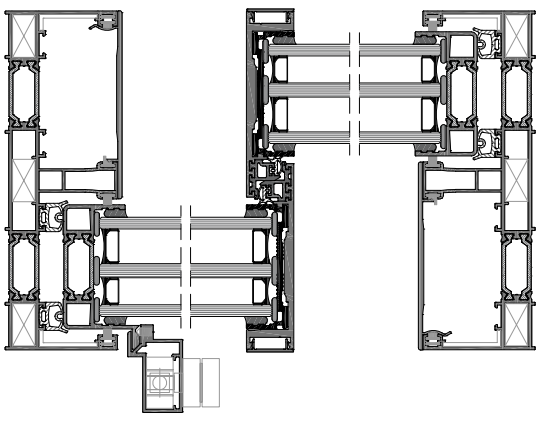
Water tightness	8A	Wind load	C 5
Air permeability	4		

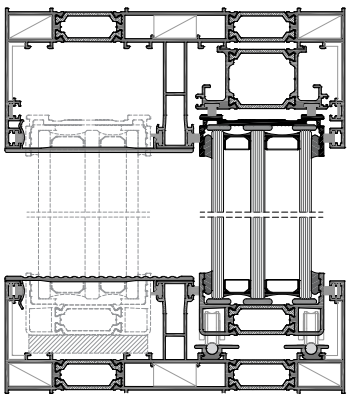
THERMAL INSULATION (HORIZON LUNA)

U_w triple[1] — 0,83

[1] Element size: 4,000 x 2,500 mm | Ug value: 0.6 W/m²K | Glass spacer: Thermix TX.N plus

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.

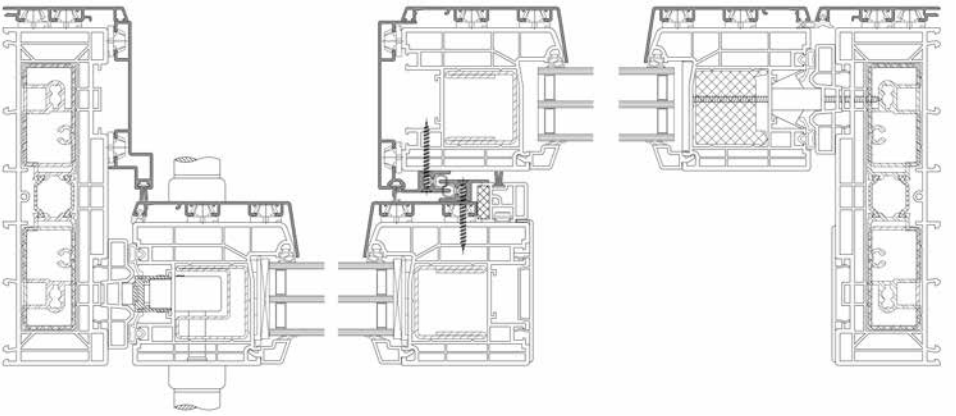
› All RAL, NCS, decorative and special colors are available.

› 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



CURTAIN WALL SYSTEMS

GUTMANN LARA GF

Junior High School Gerhard-Thielcke | Radolfzell, Germany

WOOD-ALUMINIUM
CURTAIN WALL SYSTEM

SYSTEM DESCRIPTION

› The glazing system is screwed to simple rectangular laminated timber or approved microlaminated wood.

› 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 64 mm are standard.

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

› 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)

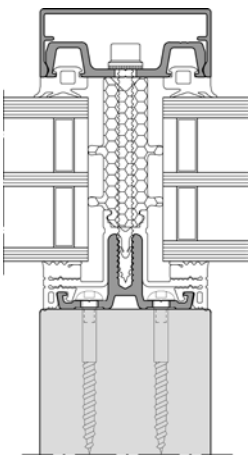
THERMAL INSULATION

$U_{m,t}$ triple[1] — 0,95

U_{cw} triple[2] — 0,63

[1] Restraining thickness: 48 mm with screw
[2] Ug value: 0.5 W/m²K | Glass spacer: Swisspacer Ultimate

SYSTEM CROSS SECTION



GUTMANN LARA Heavy Load
GUTMANN TWINLOC

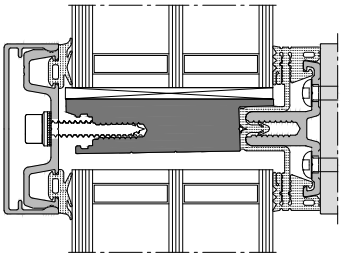
WOOD-ALUMINIUM

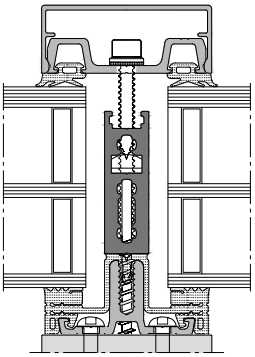
CURTAIN WALL SYSTEM

SYSTEM DESCRIPTION LARA HEAVY LOAD

› Suitable for pane weights till 500 / 600 kg.
› For glass thickness of 44 – 64 mm.
› Simple installation.
› European Technical Assessment (ETA).

SYSTEM CROSS SECTION

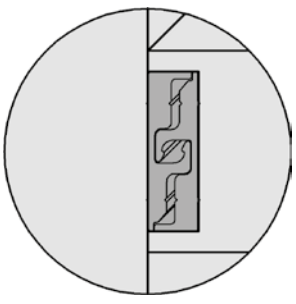




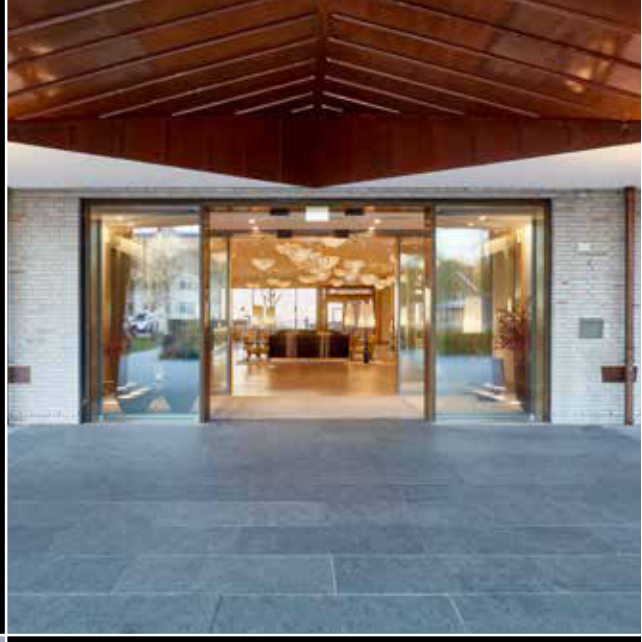
SYSTEM DESCRIPTION TWINLOC

› GUTMANN TWINLOC connectors meet the full scope of European Technical Assessment (ETA) 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



Wellnessresort | Wyk auf Föhr, Germany

WOOD-ALUMINIUM
CURTAIN WALL SYSTEM

SYSTEM DESCRIPTION

The GUTMANN Bausysteme GmbH 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 GCW 050 | 060

ALUMINIUM

CURTAIN WALL SYSTEM

SYSTEM DESCRIPTION

The GUTMANN GCW 050 | 060 façade system provides space for both creative planning and solid design. The uniform system design supports cost-effective and efficient manufacture. The GUTMANN GCW 050 | 060 is suitable for vertical façades as well as use with pitch roof designs, pyramids and conservatories. Designing and cladding any kind of building is easy.

- Filling thicknesses up to 65 mm.
- Same profiles for mullion and transom, straight material cuts, no notching of the transom profile: minimal waste, efficient finishing and installation.
- High cost-effectiveness due to identical internal glazing gasket and glazing with internal sealing frames (vulcanised).
- Low edge radii for visually flawless transom connection.
- Design available in Structural Glazing (SG), semi-SG and visual-SG (export model) and as a passive-house system.
- Special transom connector for gap-free transom connection.
- Static values can be increased by inserting aluminium or reinforcing steel profiles.

SYSTEM PROPERTIES OF CLASSES

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

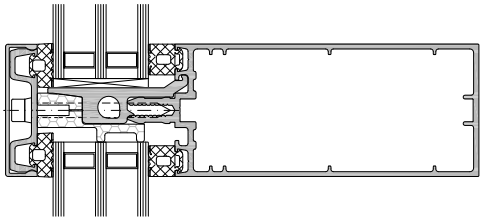
Target values

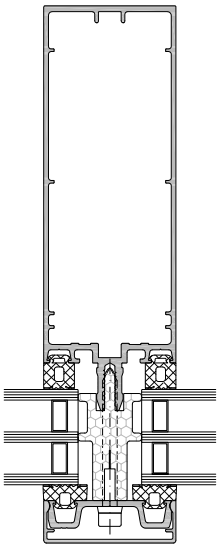
THERMAL INSULATION

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 HYBRID

WOOD-ALUMINIUM
ALUMINIUM
PVC-ALUMINIUM

CURTAIN WALL SYSTEM

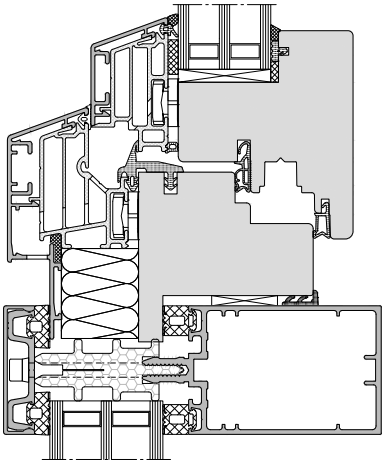
SYSTEM DESCRIPTION

Combine technologies – Unite advantages.

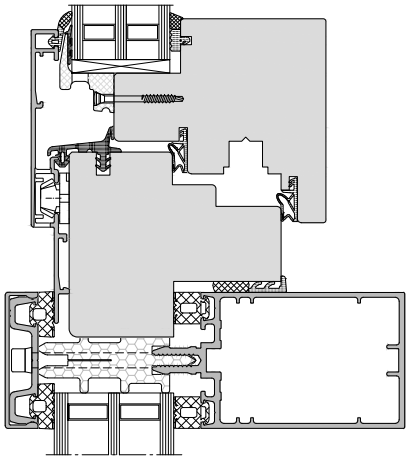
„Hybrid“ designates a system in which two technologies are combined. GUTMANN hybrid systems unite the advantages of different frame materials for windows, doors and curtain walls: aluminium on the outside for perfect weather protection, interior wood surfaces for a natural appearance in combination with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

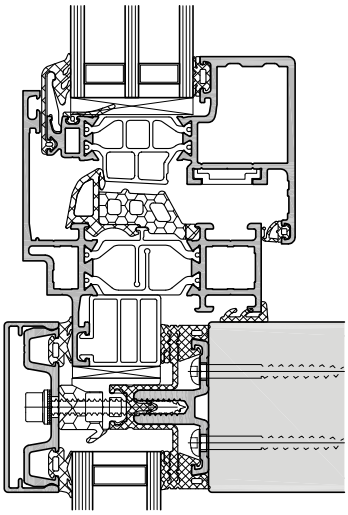
SYSTEM CROSS SECTION



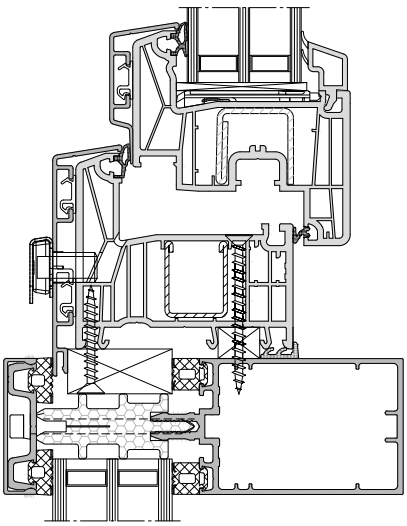
GUTMANN GCW 050 | MIRA therm 08



GUTMANN GCW 050 | MIRA contour integral



GUTMANN LARA GF 50 | GWD 070



GUTMANN GCW 050 | DECCO

SYSTEM ACCESSORIES

FALL PREVENTION DEVICE

SYSTEM ACCESSORIES

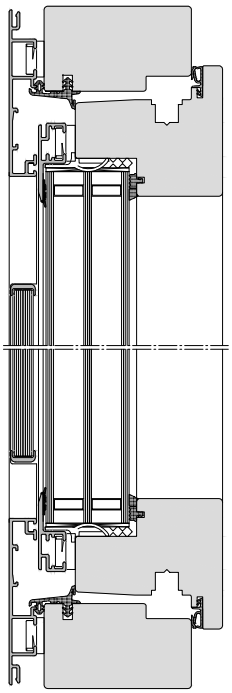
BUILT-IN ELEGANCE

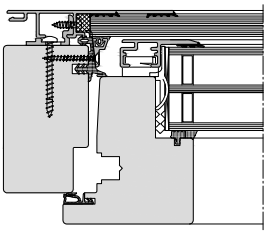
GUTMANN BUILT-IN FRAME FALL PREVENTION DEVICE FPS.I

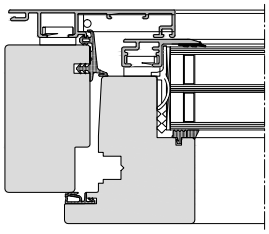
The GUTMANN FPS.I built-in frame fall prevention device is a sophisticated architectural solution for floor-to-ceiling windows that has been approved by the building authorities. All the functional components are fully integrated and covered by the aluminium shell.

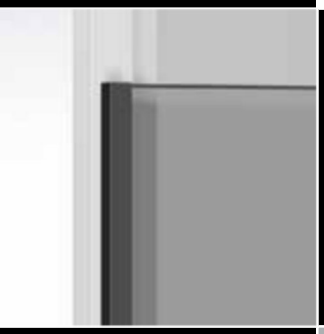
The safety glass pane has delicate edge protection at the top and bottom only. As such, this innovative product combines transparency and safety in an elegant, timeless design, thus removing the need for cumbersome additional/safety constructions.

- 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.
- 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, pitched rebate.
- Suitable for all fittings.









FALL PREVENTION DEVICE

SYSTEM ACCESSORIES

EYE-CATCHING SAFETY

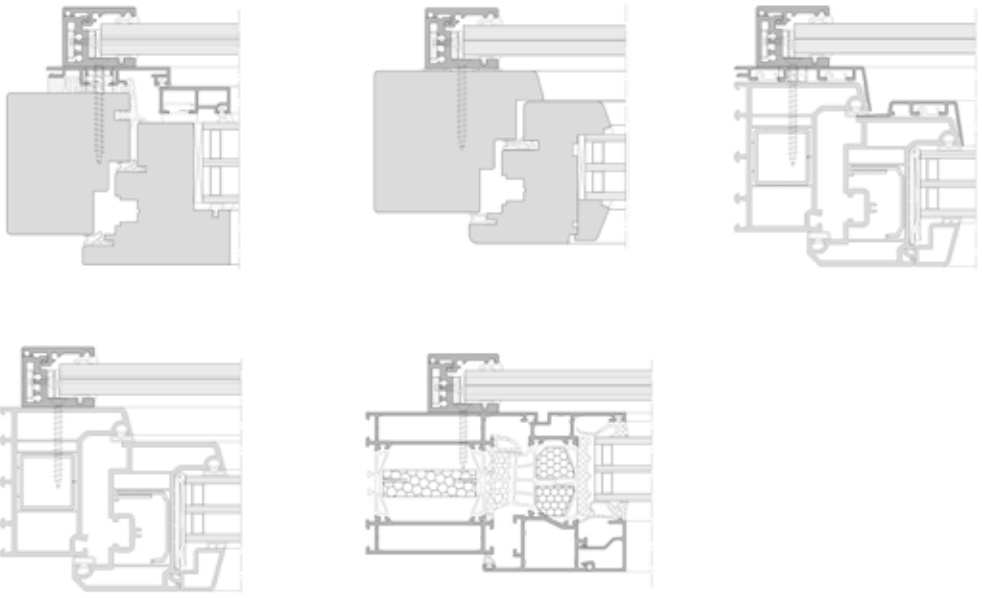
GUTMANN EXPOSED FALL PREVENTION DEVICE FPS

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 precisely fitting, item-related 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 WESER ZERO is infinitely variable.

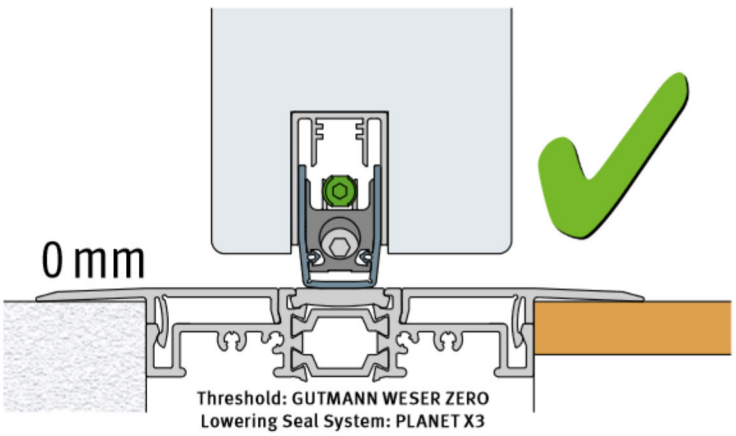
› 100% barrier-free.

› Prooven water tightness (300 Pascal / 7A).

› 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

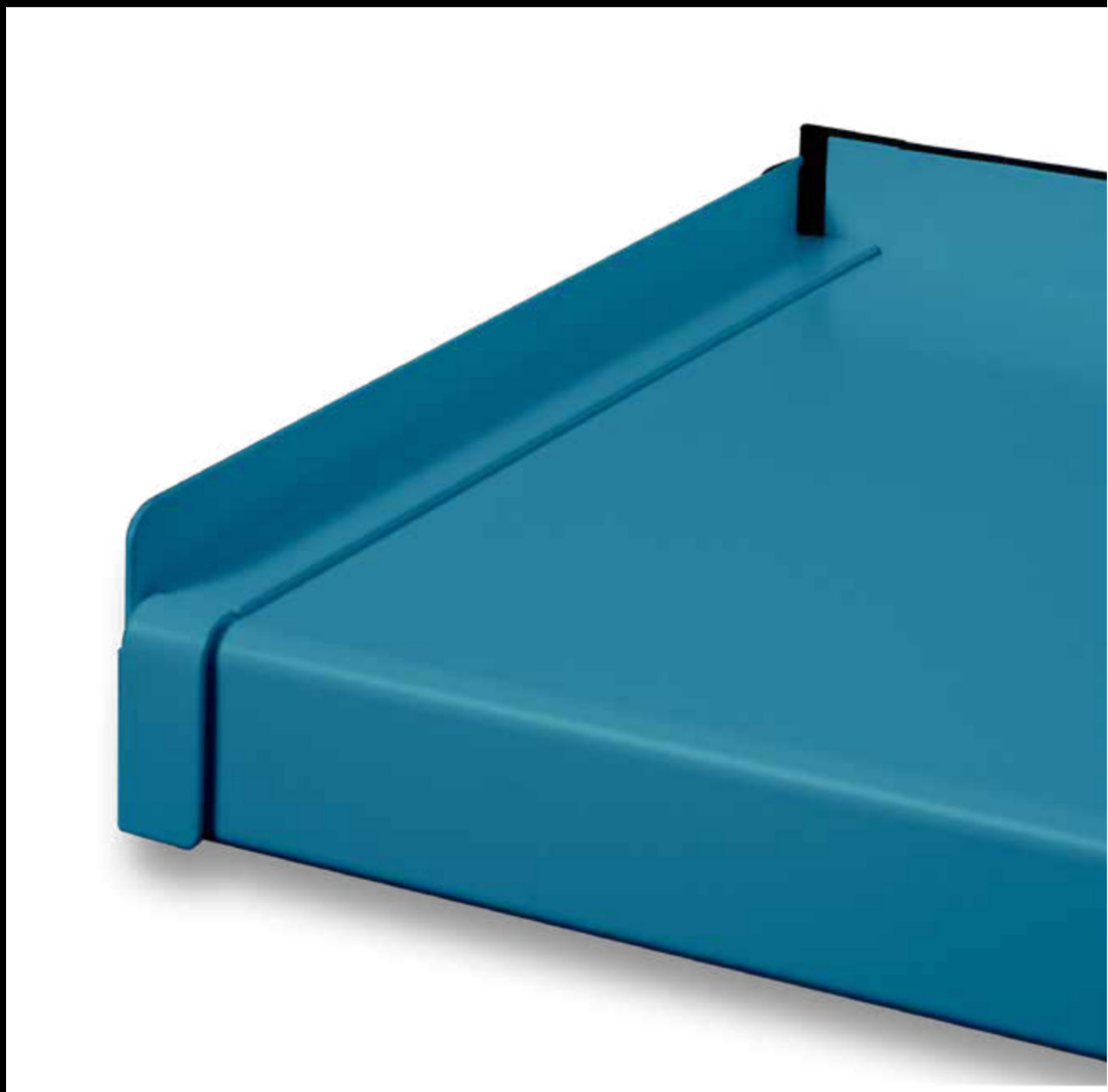
The extensive GUTMANN door threshold range offers installation-friendly, high-performance and inexpensive solutions for all front and balcony doors. This project range is rounded out with a matching accessory range.

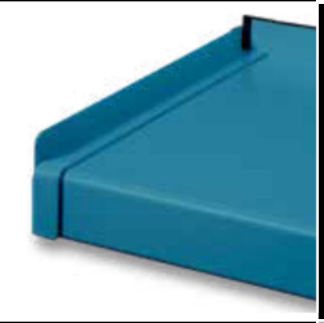
GUTMANN WESER 32 TI

› 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

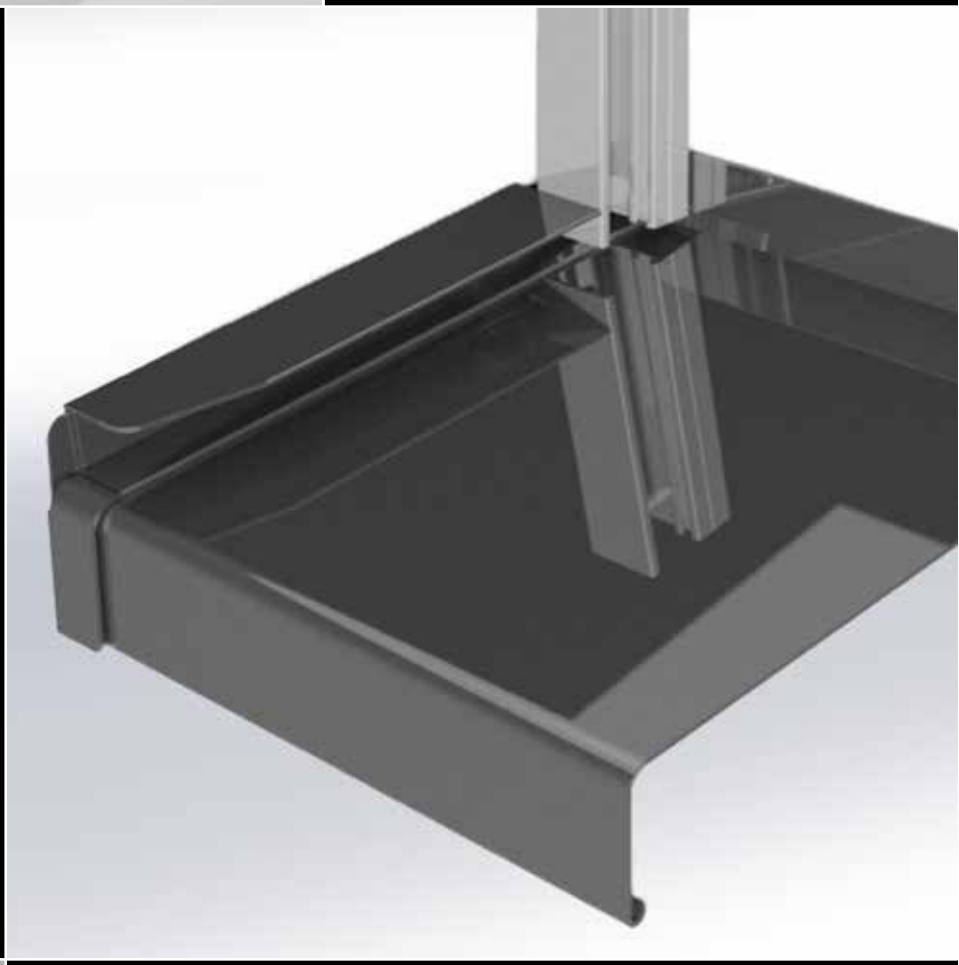
SYSTEM ACCESSORIES

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 SLIMFLEX
SLIDING CLOSURE BF 4006 Z | BF 2506

A class of its own! This is the updated version of the tried-and-tested GUTMANN aluminium sliding closure version BF. This innovative product further proves GUTMANN Bausysteme GmbH's expertise when it comes to exterior window sills. The attractive design of the aluminium window sill flashing is inspiring. Its reliability and cost-effectiveness are compelling. It is even easier to process, narrower and more delicate.

› 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 tested).

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

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

› Selection of standard colors from stock, all RAL colors are available.

GUTMANN SLIMFLEX
SLIDING CLOSURE BF 4004 Z | 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 BF 4004 Z | BF 2504 aluminium closure, 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.

› Selection of standard colours from stock. All RAL colors also possible.

COMPONENTS WINDOW SILLS

SYSTEM ACCESSORIES

GUTMANN SLIDING CLOSURE KF 400 | KF 250

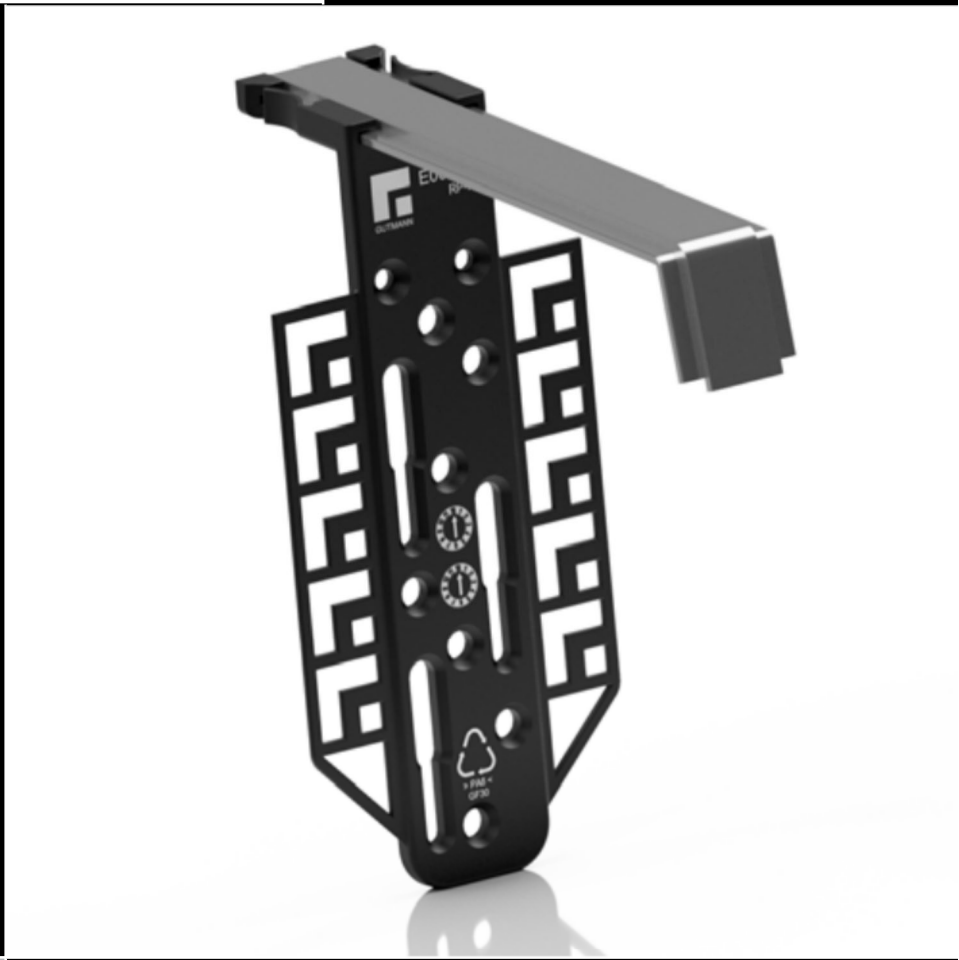
The visually appealing slim, elastic window sill closure is available in white, grey and brown. It features a plaster edge width of 22 mm and meets the requirements of planners and architects just as much as those of customers and processing businesses.

› 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.
› Selection of standard colours from stock, all RAL colors are available.



COMPONENTS WINDOW SILLS

SYSTEM ACCESSORIES

GUTMANN WINDOW SILL HOLDER RV-KSI

The RV-KSI window sill holder from GUTMANN is made of high-quality polyamide plastic. This material significantly improves thermal insulation values in the facade.

The accessory from GUTMANN ensures reliable stability as well as rapid fastening to the window sill thanks to an intelligent clip mechanism in the front area of the holder. It's an additional plus for fabrication. The GUTMANN RV-KSI window sill holder is suitable for use in GUTMANN GS 40 and GS 25 window sill systems.

› For secure fastening of the window sill.

› Cost-effective, rapid assembly.

› Clip connector for simple fastening.

› According to installation guidelines, it is for use with projections of 150 mm and greater.

› Main casting made of high-quality polyamide plastic.

› Significantly improved thermal insulation values.

› Infinitely adjustable thanks to tension springs.

GUTMANN WINDOW SILL HOLDER RP-KSI

The new, innovative GUTMANN RP-KSI window sill holder is made of high-quality polyamide plastic. This material significantly improves thermal insulation performance in the facade.The bracket is a response to the clear trend towards high-insulating bricks without ETIC. It is suitable for installation with a thickness of approx. 20 mm on wall constructions without ETIC.

The GUTMANN RP-KSI window sill holder is suitable for use in GUTMANN GS 40 and GS 25 window sill systems..

› For secure fastening of the window sill.

› For use on wall constructions without ETIC.

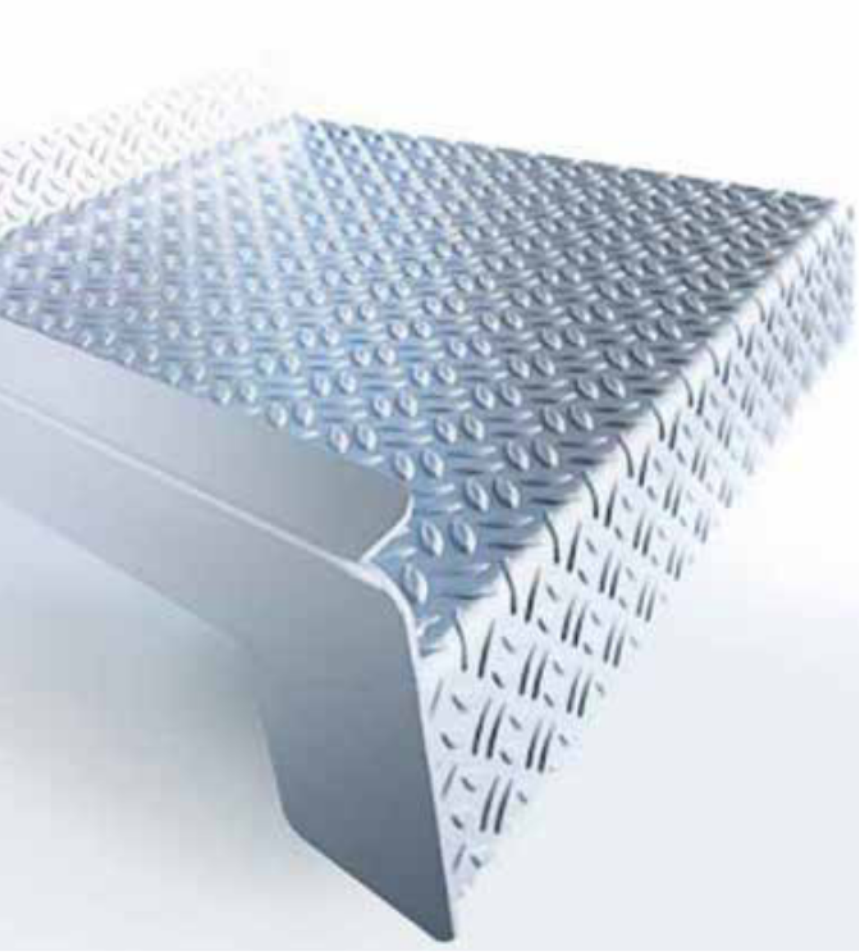
› Fast and economical installation using screws or adhesives.

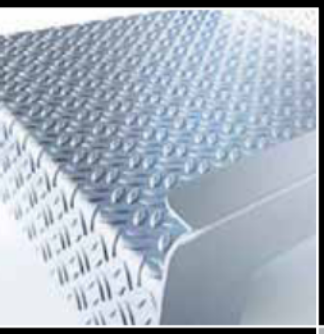
› Significantly improved thermal insulation values.

› Infinitely adjustable using tension springs.

› For use with projections of 150 mm or more in line with installation guidelines.

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-D OF-VM

The weather bar is increasingly installed in the upright facing frame when a wooden window is fabricated. We are taking this change into consideration by adding the GUTMANN SPREE weather-bar system to our product range. In addition to the well-known rebate-independent rail types, we have also added the SPREE-D OF-VM weather bar for vertical installation to our standard product range.

- Professional and cost-effective installation.
- Design independent of rebate.
- Controlled diversion of surface water over the facing frame.
- Optimal rear ventilation.
- Reduced condensation in the window construction.
- End caps for the system are available.

PROTECTION FOR WOODEN WINDOWS

WEATHER BARS

SYSTEM ACCESSORIES

GUTMANN SPREE

› Construction independent of rebate.

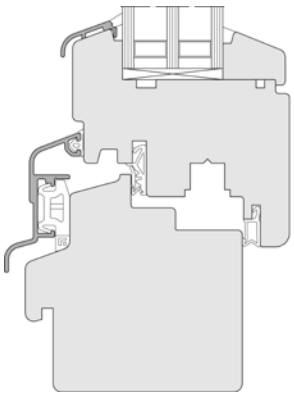
› Controlled surface water drainage via the frame.

› 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.

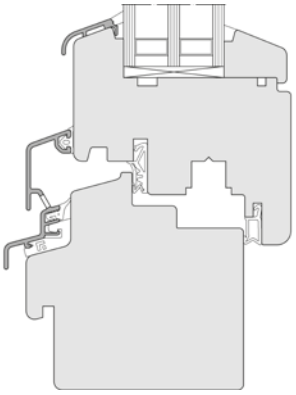
› No capillary joint in the construction.

› 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.



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 the ift-guidelines for passive house suitability of windows, exterior doors and facades (WA 15/2).

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.

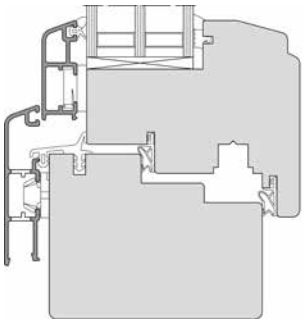
› Ug = 0.6 W/m²K.

› Warm glass edge seal (Swisspacer V)

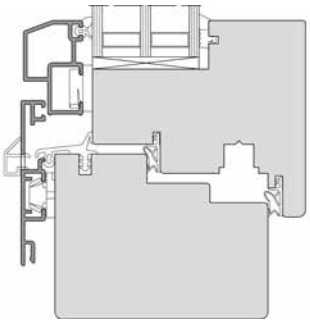
› Frame temperature factor f0,13 ≥ 0,88.

› Glass edge temperature factor fRsi ≥ 0,73.

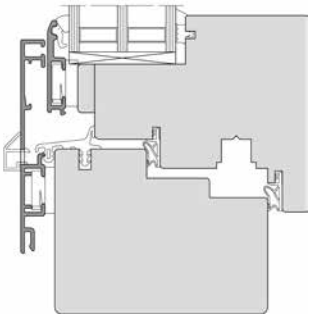
› Structure connection temperature factor fRsi ≥ 0,73.



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.

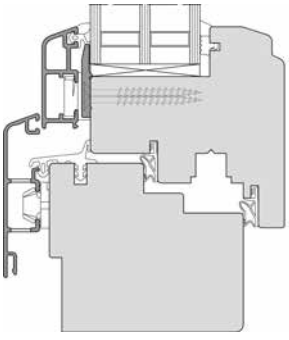
Variants

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

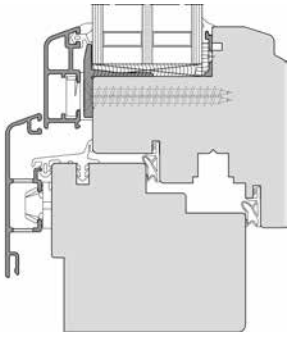
- GUTMANN MIRA, MIRA contour, MIRA contour integral, MIRA contour integral 50.
- Sash sizes from really small to really large: sizes are only limited by fitting limitations.
- Wood species over 0,43 kg/dm³ specific gravity (spruce and above).
- Wood thickness 68 mm and above.
- Single, double and pitched 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 contour integral, MIRA contour integral 50, MIRA therm 08.
- Wood thickness 78 mm and above.
- Wood species: Oak.
- Single, double, pitched rebate and CTS constructions.



Example RC 2



Example RC 3

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

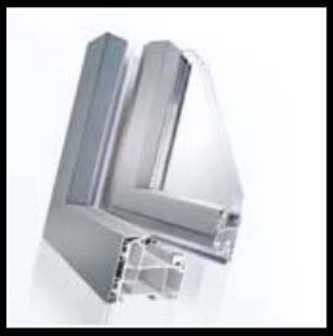
GUTMANN MIRA therm 08

GUTMANN MIRA CTS

GUTMANN MIRA RS

GUTMANN MIRA contour SF2

GUTMANN CORA



GUTMANN DECCO

GUTMANN GWD 070

GUTMANN GWD 080

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 GCW 050

GUTMANN GCW 060

GUTMANN HYBRID

GUTMANN LARA GF

GUTMANN LARA GF
ARCHITECTURAL BRONZE

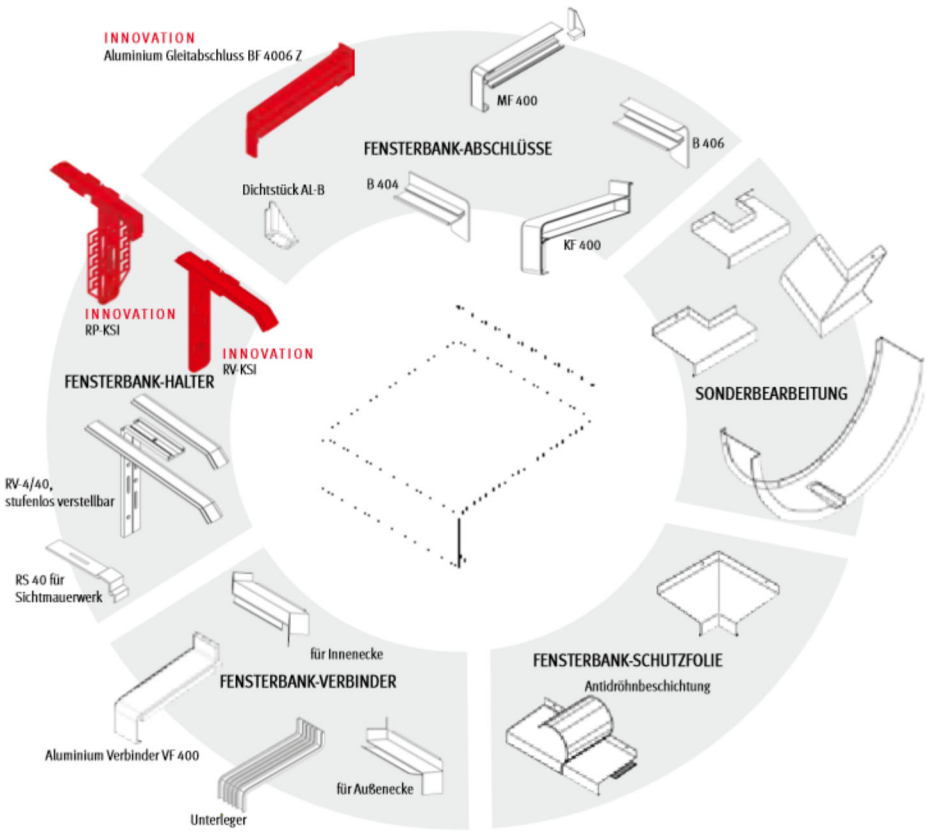
GUTMANN TWINLOC

OVERVIEW

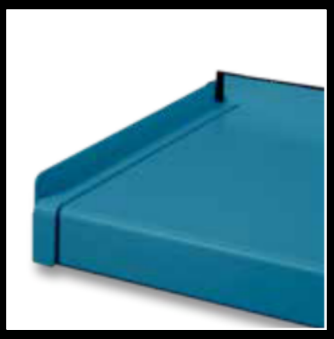
SYSTEM ACCESSORIES

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



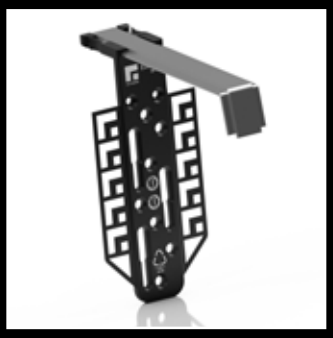
GUTMANN Aluminium
Window Sills

GUTMANN Plastic
Sliding Closure KF

GUTMANN SLIMFLEX
Aluminium Sliding Closure BF Z

GUTMANN Aluminium
Sliding Closure MF

GUTMANN Window Sill Holder
RV-KSI



GUTMANN Window Sill Holder
RP-KSI

GUTMANN WESER 20
Threshold

GUTMANN WESER 32
Threshold

GUTMANN WESER ZERO
Barrier-free Threshold

GUTMANN Weather Bars

Wohnhaus C1 | K