



ALUMINIUM SHAPED BY GUTMANN

ALUMINIUM SHAPED BY
IDEAS ARCHITECTURE
ENERGY INNOVATION
TECHNOLOGY VALUES



Board of Directors of GUTMANN Group



Theodoros Tzortzis
– President –



Dr. Wolfram Kopperschläger

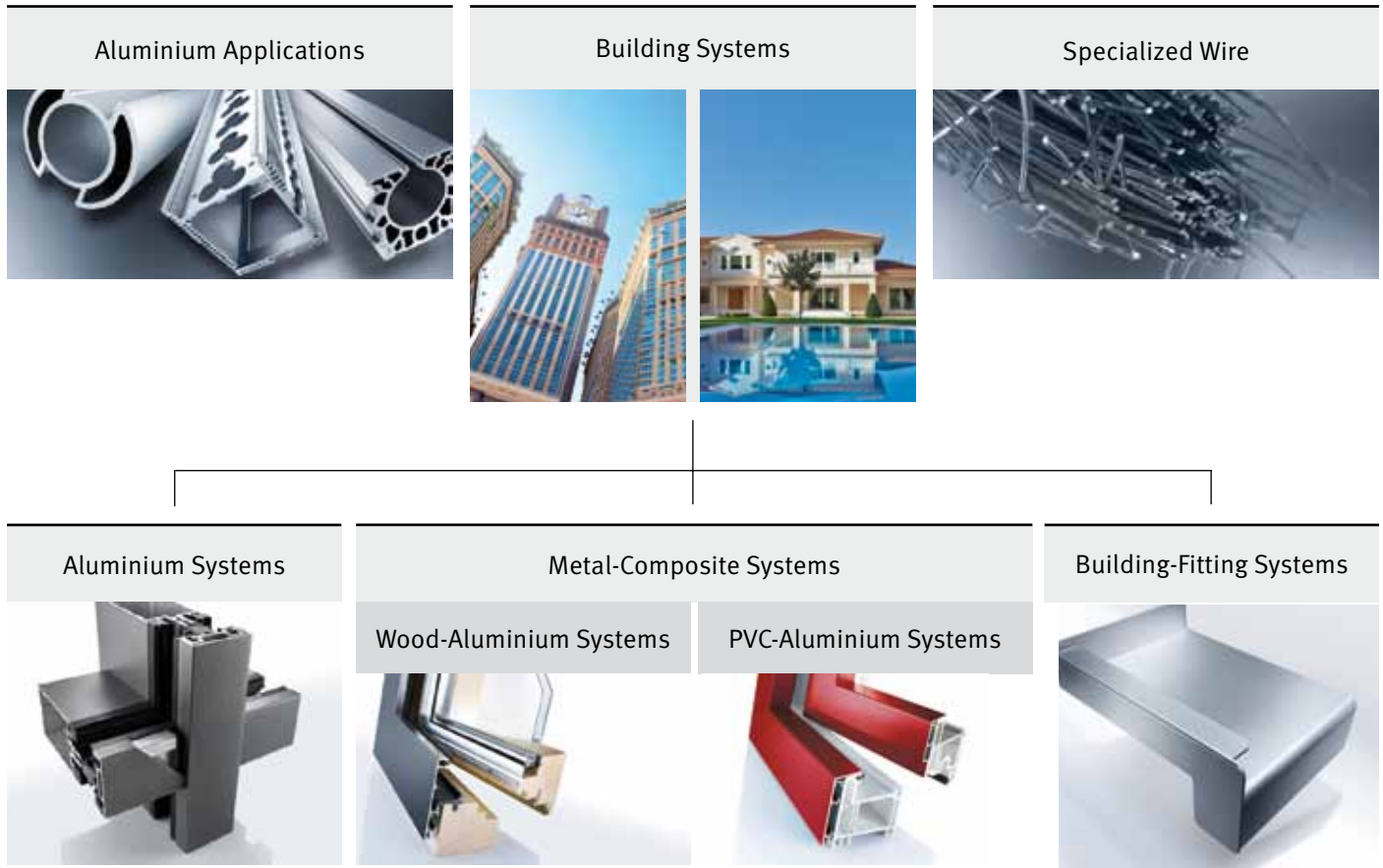
Energy is today a determining factor in the construction of buildings. Modern architecture demands considerable improvements of the energy efficiency and quality of windows, doors and curtain wall systems.

Energy efficiency and sustainability translates into lower energy consumption by means of structurally well-insulated, durable building systems with a long useful life resulting from maximum product quality.

GUTMANN and its worldwide network of partners have taken this responsibility: together we create Green Envelopes for private homes to large commercial buildings. GUTMANN is dedicated to continue reaching new innovation limits by developing high-end German engineering solutions based on certain values such as energy, design, quality.

That's why we at GUTMANN believe **“ALUMINIUM SHAPED BY VALUES”**.

GUTMANN



PROFILE

GUTMANN AG is an international supplier for system-based aluminium building solutions. GUTMANN Building Systems are designed for modern windows, doors and curtain-wall systems that are optimised and customised for the wide range of stylistic designs and energy-efficiency requirements demanded by architects, investors and fabricators.

With 75 years of presence in the field, GUTMANN AG together with its holding companies, GARTNER EXTRUSION GmbH, NORDALU GmbH and GUTMANN ALUMINIUM DRAHT GmbH, has also become a producer of high-quality Aluminium Applications and Specialized Wire. The GUTMANN Group is part of the Greek ALCO Group, the holding company listed as ALCO HELLAS S.A., Athens.

Customer proximity, 1300 committed employees and high innovative power have made the GUTMANN Group a trusted international partner for aluminium products. These qualities also form a solid base for continued growth in the future.

FACTS AND FIGURES

Founded in 1937 in Weissenburg, Germany – a region with which GUTMANN has very close ties

International activities in 45 countries – and still growing

Group turnover of 350 million euros in 2009

Market position in Germany

10.2% share of the total production of Extruded & Drawn Profiles in Germany with 46,000 ton.

15.7% share of the total production of Construction Profiles in Germany with 23,000 ton.

Group headquarter

Nuernberger Str. 57
91781 Weissenburg
Germany

GUTMANN VISION is to develop highly innovative solutions for modern buildings in the field of windows, doors, and curtain-wall systems. These system solutions protect the buildings, save energy, are modular and easy-to-build, but without compromise of the required design demands. Through qualified performance and continuous improvement, GUTMANN aims to expand its international position as a building envelope specialist.

GUTMANN premium unique brand brings 75 years of experience in aluminium products with customer-focused activities and achieved long-term cooperation agreements.

GUTMANN VALUES

- 1 Partners:** Our services for premium aluminium building systems are innovatively geared towards the high quality, performance and demands of our partners.
- 2 Employees:** The skills, knowledge and commitment of our employees define the success of our company; they are GUTMANN's intellectual capital. Continuous training and further education are the standard for us. Open communication and transparent information flow promote trust, personal responsibility and initiative in our employees.
- 3 Products:** The building system solutions of GUTMANN are designed according to solid values: energy efficiency, design, security, comfort, modularity and most importantly quality.
- 4 Processes:** Our performance is process-oriented. We ensure that all processes and phases of our services take place under reproducible conditions. We strive for continuous improvement on all process levels.
- 5 Environment:** We create green building envelopes by designing sustainable products. These products are energy-efficient and ensure extended lifetime.

QUALITY

GUTMANN products fulfill and exceed all German and international quality standards. The development of the systems is focused on outperforming solid structures, which allow high load carrying capabilities of building elements, accomplishing outstanding properties, like high water-tightness and low air-permeability.

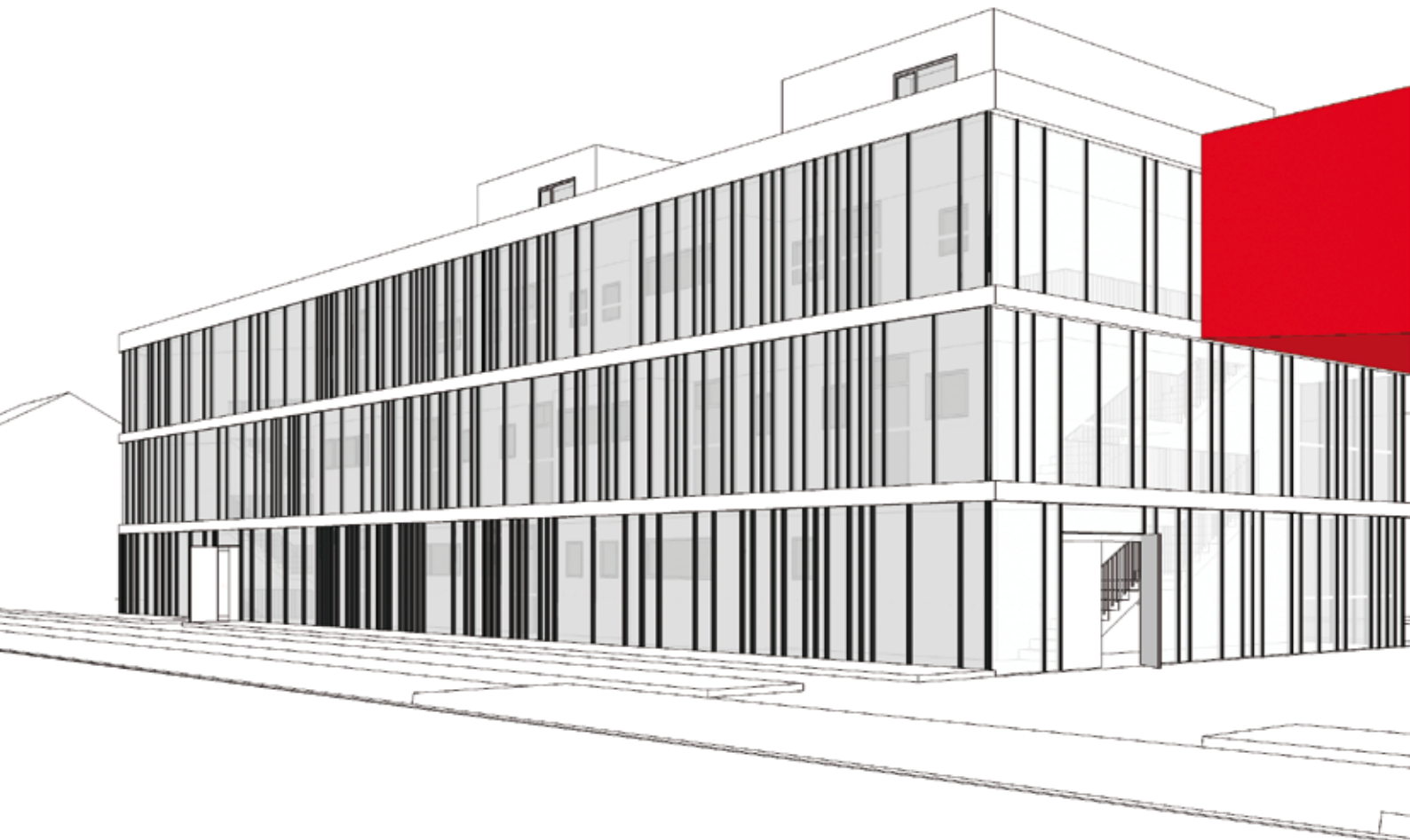
DESIGN

Attractive designs of building envelopes are a core issue of architects and therefore of GUTMANN. Specifically, slim facial widths of profiles and elements with large glass surfaces create transparency and high sense of freedom to the building users.

GUTMANN systems fulfill these requirements and can be adapted to any stylistic demands in shape and color.

ENERGY

Systems with material optimization maximize the thermal insulation – much higher than required by regulations – serving the “sustainability” purposes through creating lower energy requirements.



VALUE

Long lifetime of the materials used maintain the value of the building even after years of operation. The high quality level of GUTMANN products and its components adds to this extended lifetime.

Smart conceptual designs of buildings have lower running costs than standard ones. High thermal insulation of the GUTMANN products - can exceed Passive House standards - reduce the total energy consumption of the building. Energy savings can be further improved by integration of sun protection and intelligent ventilation systems.

That's why the investors respect the increased cost effectiveness of GUTMANN solutions.

SERVICE

To our partners we offer a complete service package: from the structural engineering consultancy in the planning or design phase of a building to the specific processes in tool (die) design and construction, extrusion, thermal brake binding and the finishing of the surfaces to the excellent stocking and the highly efficient logistics for rapid and punctual delivery.

TEAM

The employees of GUTMANN are characterized by their high technical competence. Experience, internationalization and motivation make our people specialists in the field.





AIRPORT NUREMBERG, GERMANY



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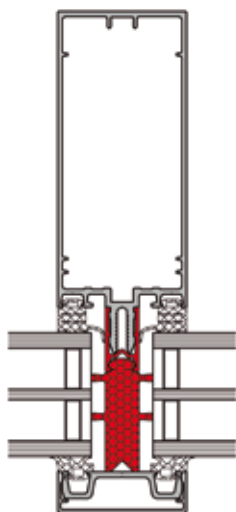
GUTMANN STICK CURTAIN WALL

The GUTMANN Stick Curtain Walls are characterized by their flexibility and versatility. The extensive range of profiles offers investors maximum freedom of designs and safety during the whole product planning process. The Stick Curtain Walls range is based on thermally broken mullion-transom design with face width of 50 mm and 60 mm. Maximum heat insulation can be reached with U_{cw}-value of less than 0.7 W/m²K with triple glazing, without any changes in the external appearance.

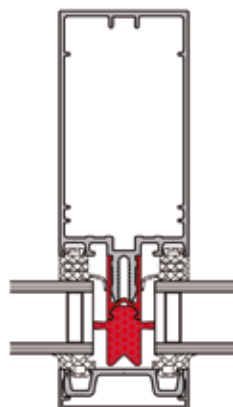
Basic System Description

- ⇨ Identical profiles for mullion and transom, straight cutting, no transom profile notching: minimised wastage, rational fabrication and installation
- ⇨ Patented joint connector technology for gap-free connection between transom and mullion
- ⇨ Same face widths of inner glass gaskets at mullions and transoms
- ⇨ Low edge radius for visually flawless transom connection
- ⇨ Maximum glass loads of up to 400 kg
- ⇨ Glass thickness of up to 52 mm

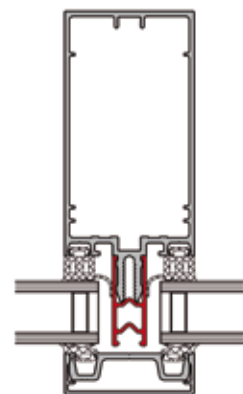
System Cross Section



GUTMANN F50+/F60+



GUTMANN F50/F60



GUTMANN F50*/F60*



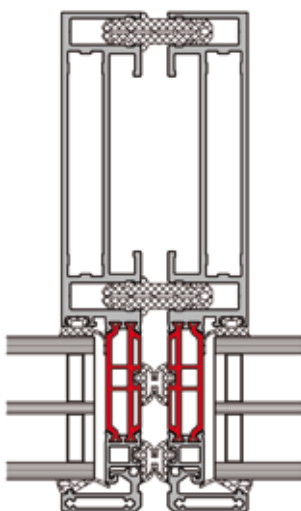
GUTMANN UNITISED CURTAIN WALL

Most, if not all, construction projects take place under considerable time pressure. The GUTMANN Unitised Curtain Walls provide a high degree of prefabrication and better workmanship quality with low installation costs. The extreme weather conditions do not affect the pre-assembly process. As a result there is quick and economical completion of the construction process. The time and cost savings are achieved due to the “Just in Time” assembly of prefabricated units on site, using only cranes and a minimum amount of scaffolding. On renovation projects the unitised system can offer increased advantages due to improved energy efficiency. GUTMANN has highly valuable experience with unitised systems, which can always be customized to the requirements of each specific case.

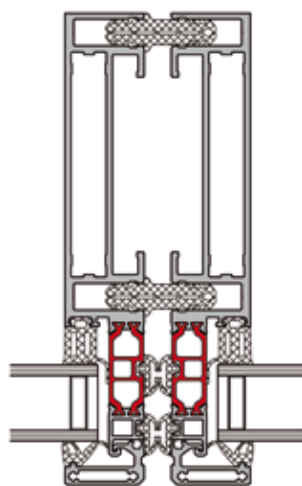
Basic System Description

- ⇨ Face width from the outside ranging from 68 mm to 110 mm
- ⇨ Frame appearance with surrounding glass bead or as SG or semi-SG solution with basic 10 mm butt joint (optional 20 mm)
- ⇨ Corner connections manufactured with mitre joint
- ⇨ Overlapping sealing system using butt joints
- ⇨ Glass thickness 26 mm to 38 mm
- ⇨ Size W x H 2600 x 3600 mm with max. 300 kg element weight
- ⇨ Components optionally S70+ preferably projected top-hung windows
- ⇨ Possibility of internal glazing

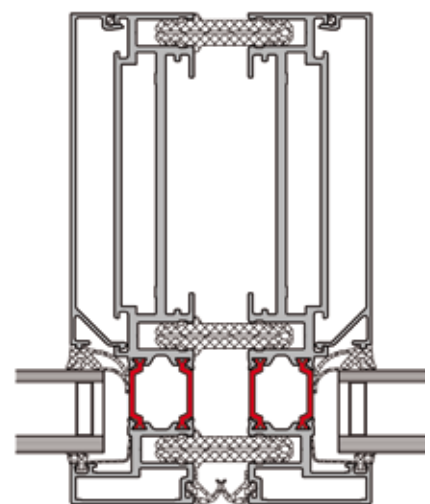
System Cross Section



GUTMANN EF68+



GUTMANN EF68



GUTMANN EF100

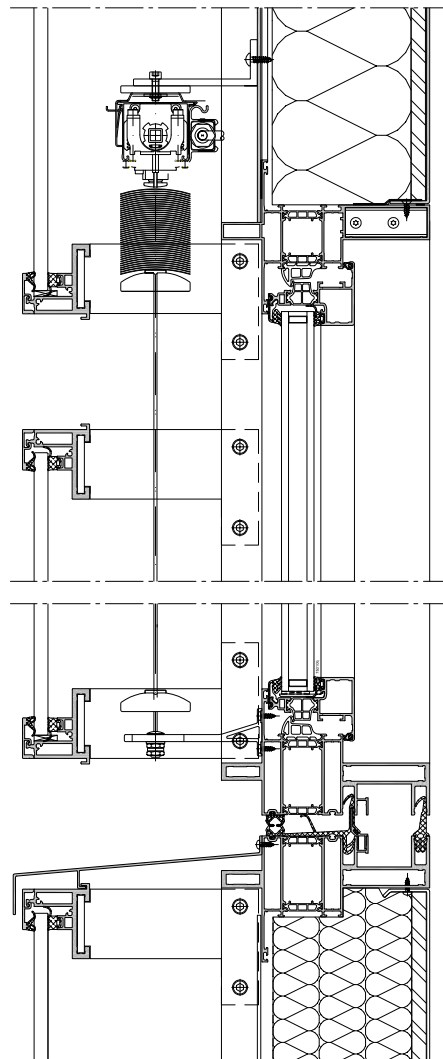


ADMINISTRATION BUILDING, GERMANY

GUTMANN DOUBLE SKIN CURTAIN WALL

A GUTMANN Double Skin Curtain Wall consists of two curtain wall skins placed in such a way that air flows in the intermediate cavity. The ventilation of the cavity can be natural, fan supported or mechanical, and can be connected with both the indoor and outdoor air. Also the cavity can also provide room for the sun-shading system.

The advantages of the Double Skin Curtain Wall are the high level of heat insulation, which means high energy savings for the building. Furthermore, it offers soundproofing even when the windows are open. Due to the nature of this system concept, GUTMANN tailors its Double Skin Curtain Walls according to the requirements of each individual building.

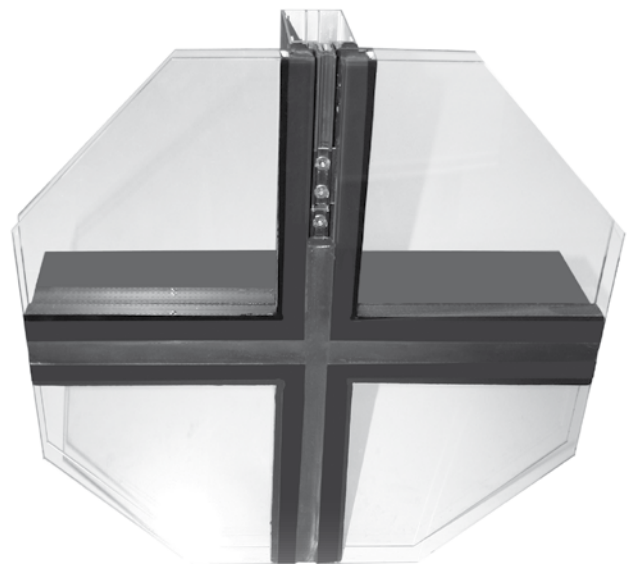


GUTMANN STRUCTURAL GLAZING CURTAIN WALL

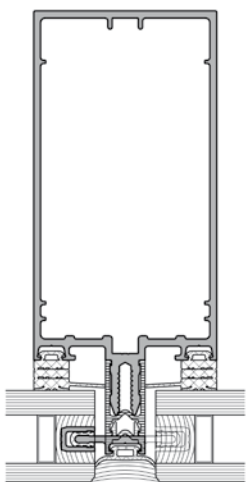
GUTMANN Structural Glazing Curtain Wall is a very popular system among architects, bonding glass to an aluminium window frame using a high-strength silicone sealant. It utilizes the adhesive qualities of silicone sealants to retain the glass in the frame by adhesion without any necessity for mechanical retention such as beads or clips. Structural glazing with sealants allows perfectly uniform large glazed surfaces, not interrupted by traditional frames. Instead of being fitted in a frame, the glass is fixed to a support, which in turn is attached to a structural element of the building, the tightness of the whole system being obtained by a silicone seal.

GUTMANN has extended experience of such constructions from the Middle East with numerous projects. If requested, the external silicone seal can be replaced by a central silicon gasket and a cruciform gasket for the cross sections.

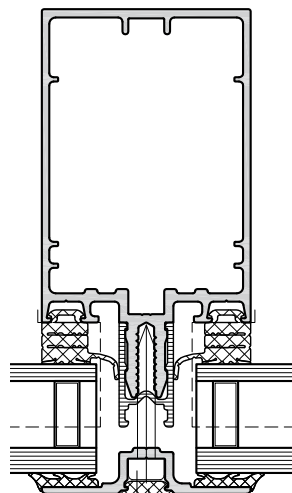
In addition, GUTMANN offers the Optical Structural Glazing solution in which the external pressure and cover plate or silicone is replaced by a black anodised pressure plate on the facade, which gives the impression of a structural glazing from distance.



System Cross Section



GUTMANN SG Curtain Wall



GUTMANN Optical SG Curtain Wall



GOLD CREST V1 TOWER, DUBAI



SCHOOL BUILDING, GERMANY

GUTMANN WOOD-ALUMINIUM CURTAIN WALL

The mullion-transom Curtain Wall System LARA offered by GUTMANN is an ideal system for large-area and multi-level glass surfaces divided into many sections. LARA is just as suitable for sophisticated glass roofs as it is for classic winter gardens. In combination with the passive house-certified Window System MIRA therm 08, the highly

insulating mullion-transom Curtain Wall System LARA is an intelligent solution for superior passive house curtain wall constructions. This innovative system gives architects, constructors and customers high-quality technology and endless freedom in designing.





PLAZAMEDIA, GERMANY





GUTMANN MODULAR WINDOW SERIES

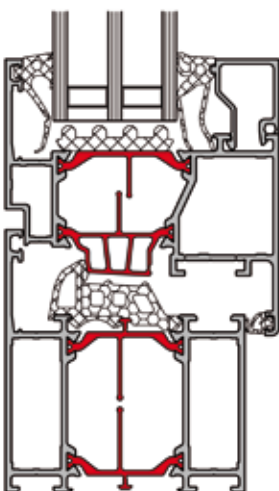
GUTMANN offers a modular Window System based on the 70 mm frame depth. Different thermal insulation properties can be achieved depending on the specifications of each building. The modularity and the high performance of this construction make it attractive to both architects and constructors. The GUTMANN window series can be adapted to any requirements due to the various types of opening possibilities.

The S70+ window construction on its premium level (S70+HW) can become a high-quality energy saving window and can achieve a top value of U_w less than $0.98 \text{ W/m}^2\text{K}$. This is achieved by a co-extruded central gasket, glass rebate insulation part in sash and 9 mm thick outer glass gasket for improving the thermal insulation of the frame by approximately 20%.

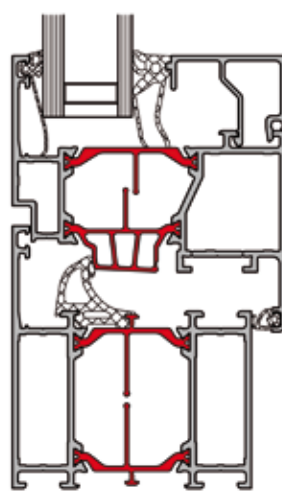
Tests/Certificates

- ⇨ System testing in accordance with product standard EN 14351
- ⇨ Proof of thermal insulation in accordance with EN ISO 10077-2
- ⇨ Sound insulation tests for high sound insulation classes
- ⇨ Burglar protection in accordance with DIN V ENV 1627
- ⇨ General Building Inspectorate Approval Certificate for the thermal composite

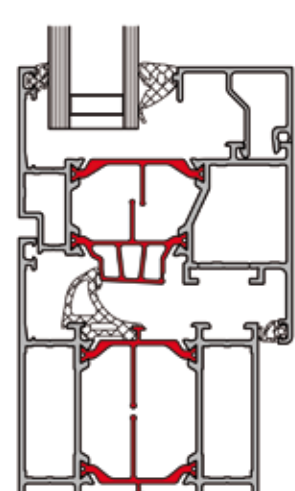
System Cross Section



GUTMANN S70+HW



GUTMANN S70+

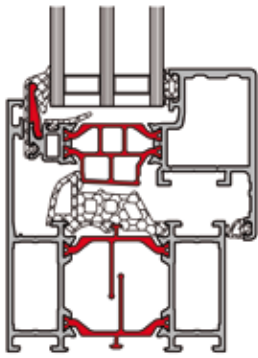


GUTMANN S70+E*

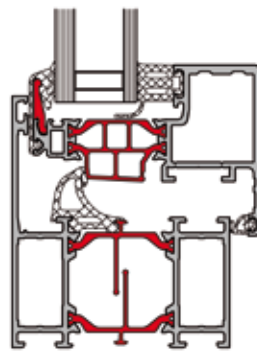
GUTMANN CONCEALED SASH WINDOW SERIES

GUTMANN Concealed Sash Window Series is also a modular window system based on the 70 mm frame depth. It can achieve a U_w value of 1.4 with a 2-pane insulated glazing (S70v+ series) and a U_w value of 1 with a 3-pane insulated glazing (S70v+HW series). This GUTMANN Window Series can be adapted to any requirements due to the various types of opening possibilities.

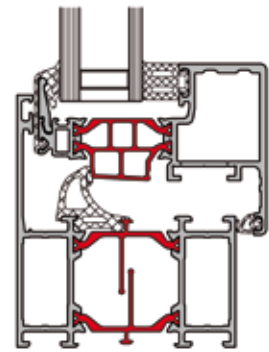
System Cross Section



GUTMANN S70v+HW



GUTMANN S70v+



GUTMANN S70v+E*

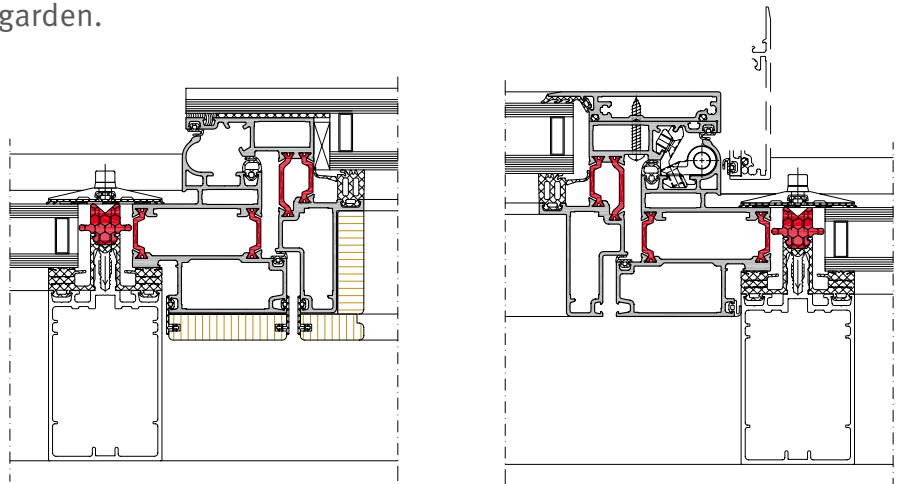


GUTMANN TOP HUNG WINDOW AND SKYLIGHT

GUTMANN Curtain Wall Systems offer flexibility and a wide range of constructions solutions which can be integrated in the glass facade. If necessary different elements can be customized to the specific requirements of the architect or the investor. The Top-Hung Window and the Skylight are additional options from the GUTMANN product range.

The aluminium skylight is thermally broken. On the interior, the skylight may be faced with wood profiles if desired. This perfectly integrates the appearance of the skylight with the already existing wood design of the wood-aluminium winter garden.

GUTMANN SKYLIGHT

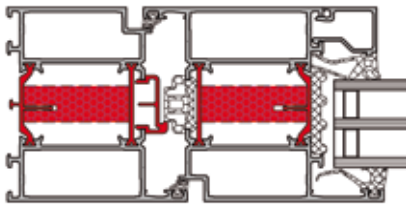


GUTMANN FLUSH DOOR SERIES

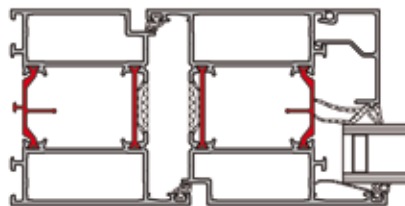
Whether it is a door to a private house or a large entrance to a commercial building or a hotel, the GUTMANN Door Series that perfectly matches the Window Series of S70+, can offer plenty of solutions to satisfy the owner or the architect. The standard doors in the 70 mm series can provide an insulation value of U_D equal to $1.8 \text{ W/m}^2\text{K}$ with 2-pane insulated glazing.

- System testing in accordance with product standard EN 14351
- Proof of thermal insulation in accordance with EN ISO 10077-2
- Sound insulation tests for high sound insulation classes
- Burglar protection in accordance with DIN V ENV 1627
- General Building Inspectorate Approval Certificate for the thermal composite

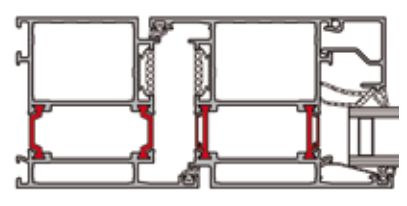
System Cross Section



GUTMANN S80+HW



GUTMANN S80+



GUTMANN S70+







SCHOOL-BUILDING, GERMANY



GUTMANN MIRA classic



GUTMANN MIRA



GUTMANN MIRA contour

GUTMANN WOOD-ALUMINIUM SERIES

The GUTMANN MIRA and BRAGA Wood-Aluminium Systems offer a varied assortment of profiles with customized solutions for all requirements, from residential buildings to major construction projects. The classic, offset design is based on solid technology with excellent characteristic values. All standard window constructions, opening variations, and window shapes, including slanted windows, round arches, segmental arches, and lancet arches, are available in different profile designs.

- The system may be realized in double rebate or single rebate design (without sash gasket).
- The profiles are available with radii at the exposed edge as well as in angular design for special architectural requirements. A variety of mullion and transom profiles for optimal profile joints as well as improved structural connection solutions perfect this product line.
- The system features a proven fastening technology, which ensures easy-to-assemble and cost-effective fastening of the aluminium shells on the wood components. The available base heights further facilitate compensation for different wood projections.
- A broad range of gaskets provides the ideal solution for every field of application.

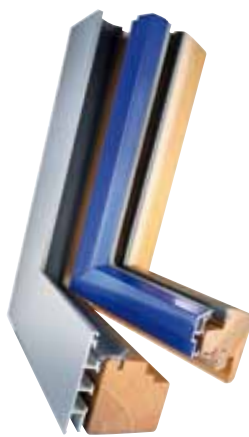
- Window design may also be carried out as composite sash construction, a sash variation or a GUTMANN Spree adaptation. Frame connections are either welded or available with sturdy, punched corner joints.
- The combination of wood and architectural bronze with punched corner joints is also suitable for this system.

Thermal properties

The system achieves optimal insulation values (U_f/U_w), which conform to EnEV (energy conservation regulation) 2009 requirements. By using larger wood depths (e.g. 78, 88, 92, 110 mm) or sandwich scantling superstructures in combination with the intelligent modular aluminium system technology of GUTMANN, U-values for frames and windows can be even further improved



GUTMANN MIRA contour integral



GUTMANN BRAGA



GUTMANN BRAGA integral

GUTMANN PVC-ALUMINIUM SERIES

Fast, precise, and rational – this best describes this new innovation from GUTMANN the PVC-Aluminium System DECCO. In the future, PVC-Aluminium windows will no longer be special production items, but standard manufacturing procedure. Mounting the aluminium frames takes a matter of minutes: plastic clip-on profiles are clipped into the T-grooves of the aluminium profiles (2 pieces per meter). Once the plastic profiles have been

cleaned and possibly pretreated with a primer, plastic adhesive is applied to the plastic clip-on profiles. Then, the aluminium frame is positioned on the PVC window and briefly parallel-pressed onto the window profile. The new DECCO composite structure may be applied with systems from all known PVC system manufacturers. The GUTMANN manufacturing system offers many advantages for the PVC window manufacturers.

Product details

- ⇒ No special manufacturing
- ⇒ Easy installation
- ⇒ No additional handling costs
- ⇒ Aluminium shell is mounted at the end after glazing



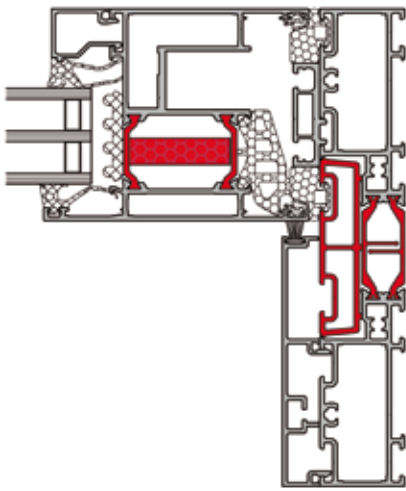
PRIVATE HOUSE, GERMANY



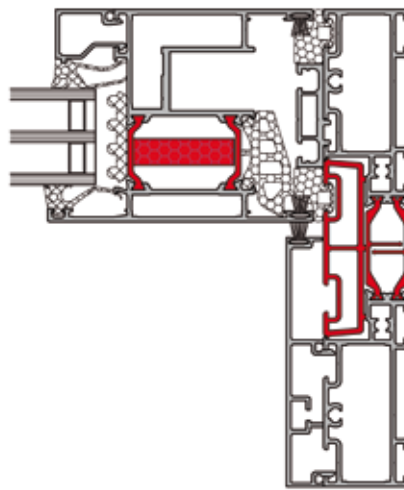
GUTMANN LIFT-AND-SLIDE DOOR AND SLIDING SERIES

The GUTMANN Sliding Series has been used extensively in projects in Southern Europe and Middle East. The success of this series is based on its simplicity and high performance. The modularity of GUTMANN design philosophy is also reflected in this line with the creation of different systems based on the same idea. Upon request the GUTMANN Lift-and-Slide can provide an U_w of $1.3 \text{ W/m}^2\text{K}$ with a 3-pane insulated glazing.

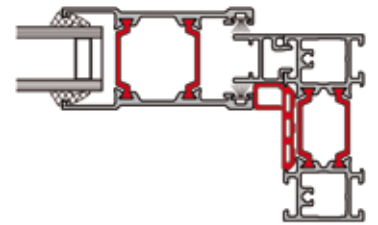
System Cross Section



GUTMANN SC180HW



GUTMANN SC180+HW



GUTMANN SC70*



PRIVATE HOUSE, GREECE



PRIVATE HOUSE, GREECE



GUTMANN PASSIVE HOUSE SERIES

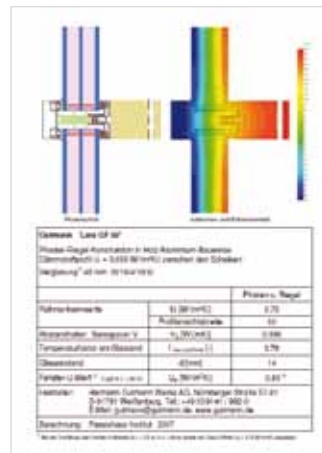
The term Passive House (Passivhaus in German) refers to the rigorous Passivhaus standard for energy efficiency in a building, reducing its ecological footprint. It results in ultra-low energy buildings that require little energy for space heating or cooling. A similar standard, MINERGIE-P, is used in Switzerland. Passive design is not an attachment or supplement to architectural design, but a design process that is integrated with architectural design. Although it is mostly applies to new buildings, it can also be used for refurbishments.

GUTMANN has certified selected Curtain Wall and Window Systems to the Passive House standards and has achieved exceptional results.

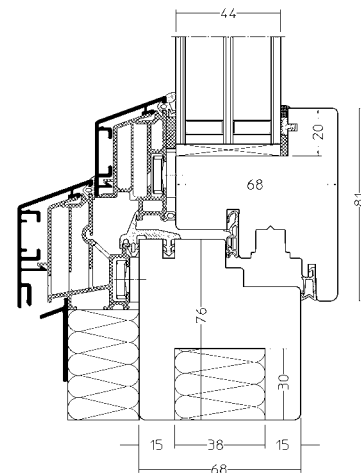
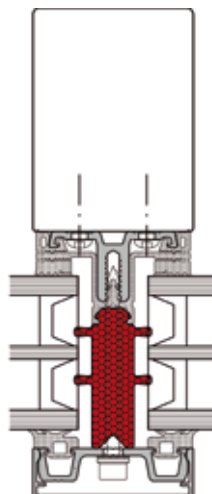
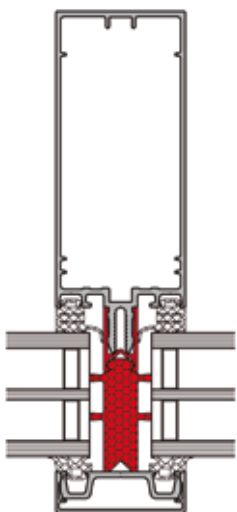
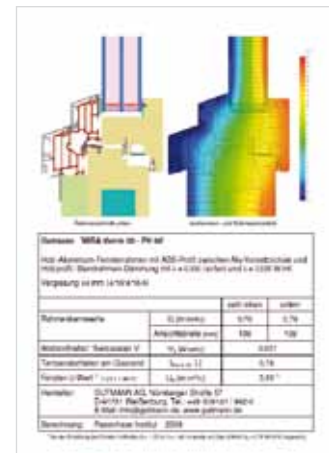
F50+/F60+Passiv



LARA GF Passiv



MIRA therm 08-PH 68



GUTMANN ARCHITECTURAL BRONZE

GUTMANN offers a true gem for those seeking the exceptional in architecture. Window, door and curtain wall system profiles made of Architectural Bronze give a building a unique and premium design appeal. Its lively surface makes Architectural Bronze extraordinarily versatile and applicable for rural, rustic or modern styles. The coppery metal goes well with many other building materials and sets trends in window and curtain wall construction. Natural tones ranging from copper to bronze brown to anthracite give modern buildings with Architectural Bronze individual accents.

The premium metal has more to offer than just an attractive appearance: unlike other materials, Architectural Bronze does not require maintenance and is resistant to harmful effects from weather and environment. The natural patina of the metal protects its surface against damage such as scratches. Over time, the appealing protective layer in shades

develops on its own on sloped surfaces. Bronze profiles have qualities comparable to those of aluminium. Their linear expansion during temperature fluctuations is somewhat lower, while their stability is a little higher.

GUTMANN ARCHITECTURAL BRONZE is available in factory lengths of 6,000 mm and as mechanical corner joints.







GUTMANN WINDOW SILL

GUTMANN BUILDING-FITTING SYSTEMS

Aluminium Window Sills: Durable protection for beautiful curtain walls

GUTMANN Aluminium Window Sills provide outstanding waterproofing for brickwork and breasts around windows and doors. A selection of accessories tailored to your needs ensures that processing is cost-efficient and constructive. Innovative solutions are available especially for application in external thermal insulation composite systems.

GUTMANN Weather Bars: This is how windows and doors last a lifetime

For many years now, GUTMANN Weather Bars and precisely fitting end covers have been a guarantee for reliable wood window protection and safe drainage of surface water. GUTMANN offers a large variety of products with the right solution for every possible construction.

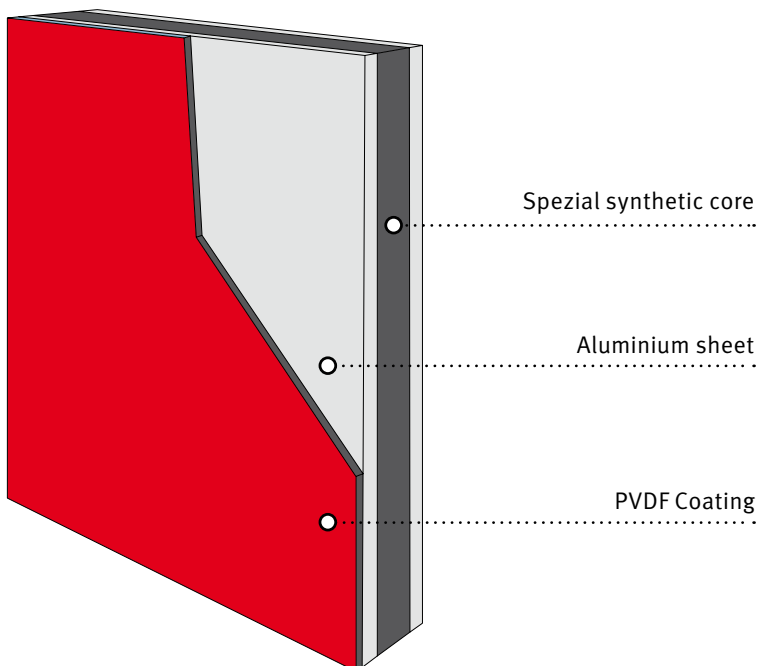


GUTBOND COMPOSITE PANELS

GUTMANN offers GUTBOND, an Aluminium Composite Panel especially suitable for the fields of architecture and construction. GUTBOND is intended for a variety of purposes. It has been developed to realize design solutions of impressive appearance and architecture, particularly for curtain walls and interior living spaces.

Product Details

- High flexural strength at low panel weights
- Extraordinary flatness without ridges
- Environmentally friendly and recyclable
- Absorbs vibration and sound
- Low weight
- High weather resistance due to the PVDF/Lumiflon varnish system
- Large color selection and individual formats
- Normal combustibility according to DIN 13501-1 classification E and difficult to ignite according to DIN EN 13501-1 Classification B-s1,d0





CAR PARK, UTRECHT



THE MAKKAH ROYAL CLOCK TOWER





THE ULTIMATE BUILDING COMPLEX

A building complex that is second to none is situated in Makkah, Saudi Arabia: the Abraj Al-Bait Towers. A total of seven towers with a view of the Kaaba, the holiest site in Islam, soar above an 80-metre high pedestal level. The main skyscraper of the pilgrimage centre is also known as the “Makkah Royal Clock Tower”. It rises to a height of 601 metres, including the gilded spire, making it not only the tallest hotel building in the world but also the world’s highest clock tower, as it features a 45-meter diameter clock that it is more than 5 times larger than Big Ben in London.

The building was designed by globally operating Dar Al-Handasah Consultants, and the prime contractor is the SBG Group from Saudi Arabia.

Starting in 2008, GUTMANN was invited to be involved in this new challenge: the company was asked to develop a new Unitized Curtain Wall System for the extraordinary hotel tower in order to meet the extremely high specifications (e.g. wind loads of up to 4.35kN/m^2) that the architects and the curtain wall advisers specified.

As a curtain wall consultant for this project, GUTMANN Middle East from Dubai was convinced of the major potential of GUTMANN's EF68 Unitised Curtain Wall.

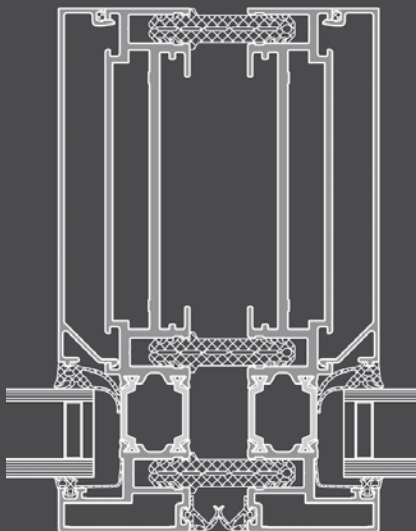
"We have therefore chosen one of the most advanced German curtain wall systems as the basis for further development by GUTMANN", Managing Director Mr. Mohammed Enany, Dubai, UAE.

The aluminium construction company United Arab Aluminium Company had every confidence in the competence of the GUTMANN team following their excellent previous experience with GUTMANN systems.

The element curtain wall modules were completely manufactured and assembled in the factory, including the glazing, which is normally installed from the outside. Because of the tremendous height of the tower, it must be possible to install the glass from the inside in the event of repairs. A significantly higher static load also had to be

taken into consideration at the same time. For this reason, the GUTMANN EF68 underwent customer-specific further development and became EF100 IG (internal glazing) with a face width of 100/110 mm.

Competitive even at the highest level, the GUTMANN Building Systems can be optimized and customized to all design and energy-efficiency requirements.



Technical data

Curtain wall surface: 55,000 sq.m.

System test

Resistance to wind load:

4.35 kN/m² = approx. wind speed of 290 km/h

Water tightness: 1350 Pa

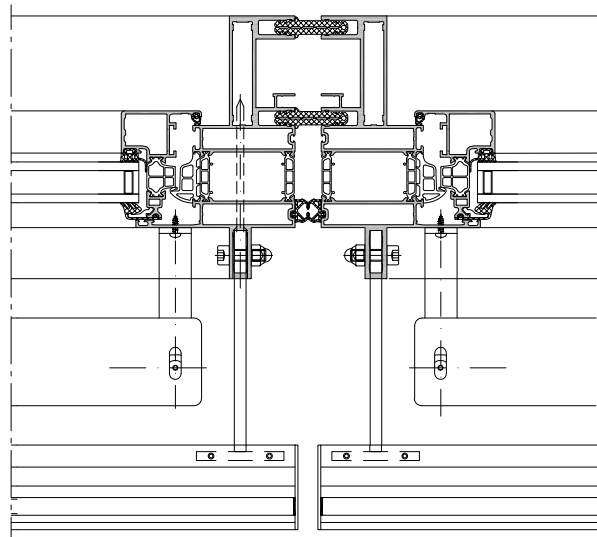
(in accordance with EU directives)



DOUBLE-SKIN FOR DOUBLE PROTECTION

Serdika Center is the biggest shopping mall and office building in Bulgaria, located in the capital of the country in Sofia. The building is clad with a GUTMANN customized double-skin unitized curtain wall. The outer glass panes protect the sun-shutters against wind and rain and ensure a high degree of tightness for the whole facade. The facade design is a customized solution based on the GUTMANN Systems EF68 and S70+.

The curtain wall design offers a high level of safety for assembly on site. The customized saddle gaskets on the vertical joints of the units are reinforced by aluminium to ensure that it will be in the correct assembling position even if there are difficult conditions on site. The glazing beads of the two side fixed outer glass panels are supported by non-visible screws to prevent self-loosening.



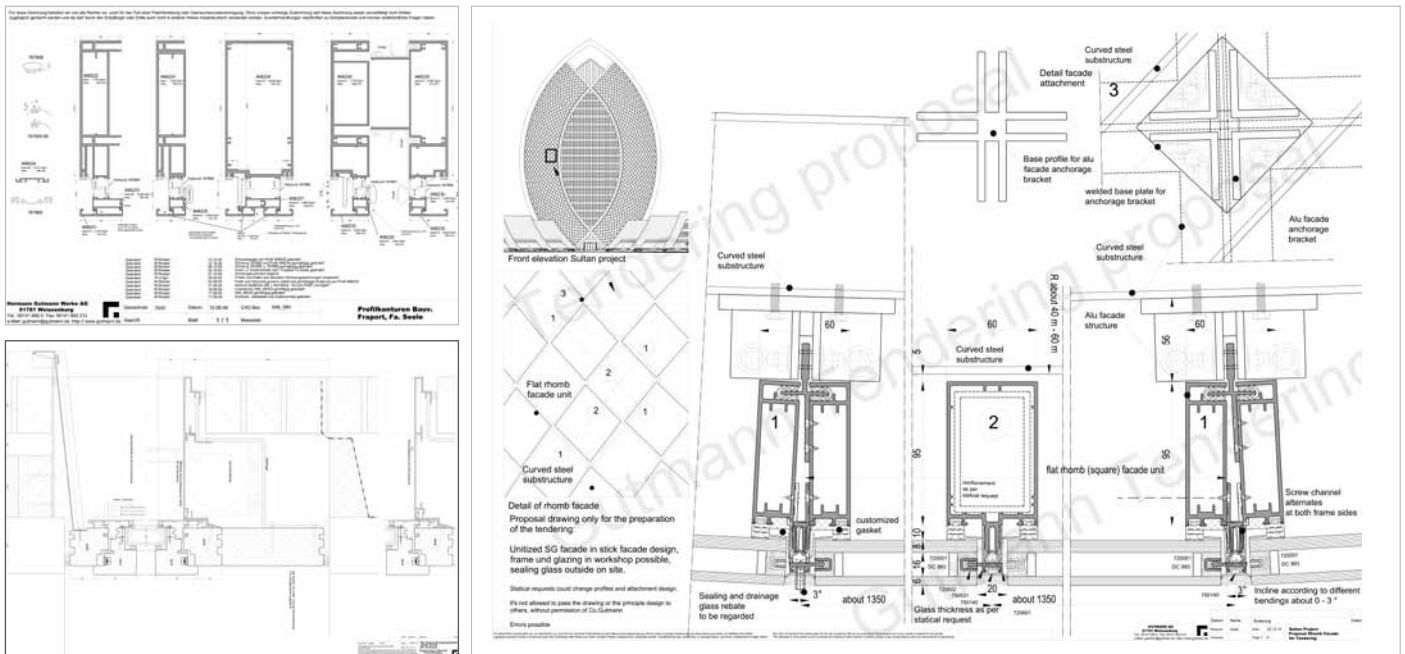
SERVICES PROVIDED BY THE GUTMANN PROJECT ENGINEERING OFFICE

Tender Stage

- ⇨ Preliminary structural calculations
- ⇨ Sound insulation expert reports
- ⇨ Isothermic calculations
- ⇨ Design proposals
- ⇨ Material and bulk listings
- ⇨ Material estimates and pricing

After Purchase Order

- ⇨ Shop and die drawings
- ⇨ Roller plans
- ⇨ Fabrication drawings
- ⇨ Cutting lists
- ⇨ Mock-up construction
- ⇨ Mock-up testing
- ⇨ Training of fabrication, assembly and installation
- ⇨ Fabrication and production control
- ⇨ Preparation of an “as built” drawing
- ⇨ Service engineering, after sales



GUTMANN TESTING CENTER

The GUTMANN Testing Center in Weissenburg symbolizes the reliability and quality of GUTMANN products. The different GUTMANN systems are developed and tested in one central location. Each standard-series or project-developed system undergoes elaborate and demanding test procedures before it is introduced to the market. When the pre-tests of the system are concluded, the Institute for Window Technology Rosenheim (ift) performs the official testing in Weissenburg. For this specific purpose, GUTMANN and the ift Rosenheim have finalized a special agreement regarding the cooperation in performing tests. The range of services includes all the different individual tests of building physics on products. Annual calibration of the test facility and the measuring devices ensures the accuracy of measurements.



The dynamic water tightness is tested by an aircraft propeller.

CONSTRUCTION, CALCULATION, WORK-PREPARATION AND U-VALUE REPORT

GUTMANN has been working successfully for many years with the leading providers of software for metal building companies. These software providers are the MAP-Datenverarbeitung and the OrgaData AG.



Both companies have been established in the previous years as competent providers of high quality software solutions and services for windows, doors and curtain walls.

GUTMANN Edition

In close cooperation with the OrgaData AG we developed the LogiKal® GUTMANN Edition.

Highlights of LogiKal® GUTMANN Edition

- LogiKal® GUTMANN Edition directs the user through construction and project estimation step by step.
- LogiKal® GUTMANN Edition automatically checks in the background whether your inputs are technically possible.

- with Logikal® GUTMANN addition, you can create CE labels, CAD drawings, U-value reports and Structural Analysis
- Almost all CNC machining centers and double mitre saws can be controlled by Logikal® GUTMANN Edition

The perfect software solution for metal construction companies

With LogiKal® GUTMANN Edition you can handle all the challenges you meet every day. The software has a word processing software and interfaces to well-known office solutions. You can create quotations, order confirmations, assembly lists and orders easily with LogiKal® GUTMANN Edition.





LES THERMES, LUXEMBOURG



MORE EXPERIENCE, MORE COMPETENCE, MORE BENEFITS ARE WHAT THE COMPANIES IN THE GUTMANN GROUP STAND FOR: GUTMANN — GARTNER — NORDALU — ALCO

Together these four companies provide a unique combination of expertise and services. The GUTMANN Group is one of the few in the field that is able to provide such a broad range of services from one source. The Group harnesses decades of experience to produce premium aluminium products for nearly all market sectors.

GARTNER EXTRUSION GmbH is a market leader in the field of top quality precision profiles with extremely tight tolerances, which are applied, for example, in the fields of pneumatic and electric drive applications. GARTNER is also a leader in profiles, composite structural components for curtain wall projects as well as component manufacturing for the medical industry and other sectors.

NORDALU GmbH excels in producing profiles with highly decorative surfaces, also used in the sanitary industry. NORDALU is able to meet the high demands for shape, appearance and functionality by means of special machines developed exclusively for that purpose.

Offering flexibility and a broad range of profiles makes ALCO HELLAS SA a reliable partner for all industries. GUTMANN meets the requirements of the electrical engineering/photovoltaics sector particularly well. Furthermore, GUTMANN AG has been a successful provider of building system sections for decades.

Customers not only benefit from the very specific competence fields of the individual companies but also from the joint range of services provided by the entire GUTMANN Group.



GUTMANN AG, Weissenburg / Germany



GARTNER EXTRUSION GmbH, Gundelfingen / Germany



NORDALU GmbH, Neumuenster / Germany



ALCO HELLAS S.A., Aspropyrgos Attikis/Greece

Production and Capacity

Number of Extrusion Presses in Germany	7
Number of Extrusion Presses in Greece	4
Press Capacity (MN)	from 12.5 to 35
Total Manufacturing Capacities	90,000 tons

Technology and Equipment

Maximum Profile Dimensions (open)	420 x 70 mm
Tolerances	DIN EN 12020 and DIN EN 755. Special tolerances upon consultation.

Powder Coating

Length	up to 6,700 mm
Colours	RAL colours, special shades and two-metallic lacquering
Yearly Capacity	approx. 6 million sqm

Anodising

Length	up to 12,000 mm
Colours	natural, all bronze tones and black, chemical shine
Yearly Capacity	approx. 6.5 million sqm

Further Processing

Drilling, Milling, Folding	CNC-controlled
Welding	CNC-controlled robots & manual welding stations
Thermal Stripe	up to 9,000 mm

Certificates

GSB, Qualicoat, Qualanod, Ü-Zeichen, ISO/TS 16949, DIN EN ISO 9001, DIN EN ISO 14001, DIN EN ISO 22000



The new 35 MN extrusion press in Weissenburg, installed in 2011.



Installed in 2009, with more than 1800 storing places, the second High-Storage Automated System of GUTMANN in Weissenburg.

ALUMINIUM – sustainable in the recycling system

For over 100 years, 75 % of all the aluminium ever produced in the entire world has been reused over and over again.





PLAZAMEDIA, GERMANY



YOU envision the buildings of the future!

GUTMANN and its partners can make them true.