



**VISS**  
55 YEARS

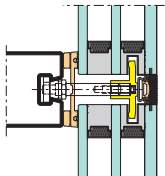
# JANSEN VISS

Facade system with a success story

**JANSEN**

## JANSEN VISS: ECONOMICAL, AESTHETIC, SUSTAINABLE

The facade system has been successful on the international market for 55 years. The prestigious product features a modular design, is versatile and easy to adapt. VISS is more than just a system – it is a promise to architects, planners, fabricators and investors – for sustainable solutions that inspire. VISS is a German abbreviation that stands for fully insulated profile system.



**VISS SG Facade**





The special style of the iconic building results from the contrast between the earthquake-proof structure and the delicate structure of the polygonal glass facade. The realisation with the VISS Semi SG steel system proved to be challenging.

#### PROJECT DETAILS

Futura One, Taipeh / Taiwan

ARCHITECTURE: Philipp Mainzer,  
Frankfurt am Main

PHOTO: Shawn Liu Studio

The VISS Facade system was launched in 1970 as a wet-glazed vertical facade and roof glazing system. It has been continuously adapted to the growing needs of the market. The range of profiles has been expanded: Dry glazing was introduced, semi-SG solutions and T-connectors developed, and insulation values expanded, resulting in passive house certification for VISS HI. The current system covers requirements for the combination of fire and burglary protection.

Customized solutions such as the VISS pivot door also serve as evidence of many years of technical expertise.





## PROJECT DETAILS

Riding Hall Zagreb / Croatia

ARCHITECTURE: Davor Busnja MORE arhitekture

PHOTO: Bosnic + Dorotic

VISS combines the highest design standards, pure elegance, technical proficiency and economic efficiency, turning the opening of a five metre high pivot door into a spectacle.

## PROJECT DETAILS

Villa Rancho 6, Valle de Bravo / Mexiko

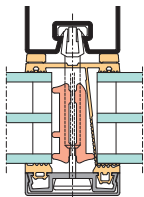
ARCHITECTURE: PSA Pablo Sepulveda Arquitectos,  
Mexiko-Stadt

PHOTO: Rafael Gamo Studio



## ATTRACTIVE PRODUCT RANGE

Over the course of half a century, what started off as just two profile variants, with 50 mm and 60 mm face widths, has evolved into a sophisticated modular system that gives architects creative freedom and supports fabricators in realising economical production.



VISS HI Facade

The new bank headquarters impressively marks its presence. The floor-to-ceiling glazed facades catch the light and create a sense of openness.

### PROJECT DETAILS

Banco Santander, Madrid / Spanien

ARCHITECTURE: Arquitectos Ayala, Madrid

PHOTO: Lluís Casals, Barcelona

The range of variants available today extends from VISS Basic for beam-independent facade constructions to VISS Fire for glazed fire protection constructions and VISS HI for highly thermally insulating steel facades, through to VISS SG (structural glazing), which enables the construction of all-glass facades with extremely narrow joints. What makes it unique: Almost all profile variants can be combined – for a consistent design and maximum flexibility.



## MILESTONES IN THE HISTORY OF VISS

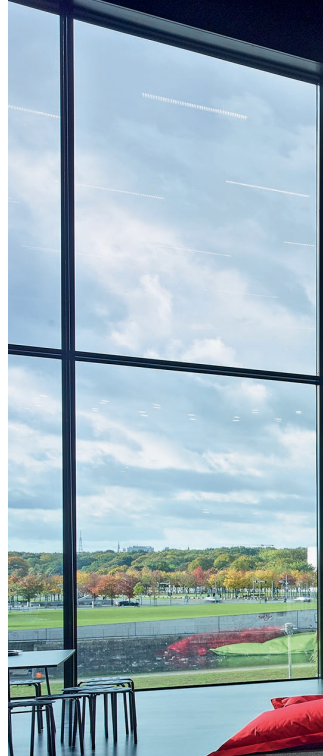
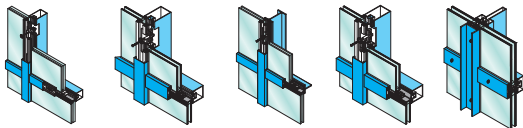
- 1969** Development of the VISS NV facade system (wet glazing)
- 1970** Market launch in Switzerland and Liechtenstein as a vertical facade and roof glazing
- 1987** Innovation: VISS TV (dry glazing)
- 1989** VISS brand in Switzerland, Austria, Germany, France, Italy, Benelux countries and China
- 1995** Launch of the VISS Delta series: load-bearing, arrow-shaped hollow profiles for optimum statics, slim face widths
- 1998** VISS Linea: new, filigree profile shape with T-shaped contour for creative freedom
- 2005 – 2006** Development of the universal T-cleat; test of the Jansen development by the Swiss School of Metal Construction Technology (SMT) in Basel, resulting in the following assessment: „The solution developed by Jansen is the best on the market“.
- 2007** Market launch of the universal T-cleat; VISS Basic, the beam-independent facade construction for large room heights and grid widths.



- 2011 VISS side-hung door and VISS PAF window were presented at BAU Munich, designed as project-specific solutions based on a mullion-transom construction.
- 2012 VISS Semi SG facade, the structural glazing construction method can be planned and realised efficiently and simply.
- 2013 – 2014 Development of the heavy-duty T-cleat and tests
- 2015 Highly static VISS profiles for maximum transparency with a minimum of supporting quantity elements; new heavy-duty T-cleat, simple assembly using hook-in bolts
- 2015 VISS Facade pivot door: large-surface and thermally insulated
- 2016 VISS SG Facade: With glass surfaces of up to 2.5 × 5.0 metres, the transparency of the building envelope is visibly increased.
- 2025 VISS Fire Facade EI30 RC 2/3: Fire and burglary protection combined in one system as a partition wall and external application, the system also contributes to cost efficiency.
- 2025 VISS EI90 Fire Facade protection system (European markets)

## DESIGN & FUNCTIONALITY IN HARMONY

Whether new or existing buildings – facades of all kinds and roof glazing can be constructed with just a few modular components. The material steel makes it possible to retain a narrow, delicate appearance in the interior, while at the same time realising large-format glass surfaces that convey a generous sense of space. This results in the maximum number of possibilities while keeping additional components to a minimum: slim profile, large spans and strength.





The screen facades of the 'Futurium' building in Berlin are a unique design variant using VISS SG. The triple insulating glazing inserted into the suspended mullion-transom construction measures approximately  $2.3 \times 4$  metres and is mounted without visible glass holders.

#### PROJECT DETAILS

Haus der Zukunft 'Futurium', Berlin / Germany  
ARCHITECTURE: Richter Musikowski GmbH, Berlin  
PHOTO: Stephan Falk, Berlin

The VISS system also impresses in the residential construction segment with its elegance, functionality and security. The example of a villa in China highlights the wide range of applications.

The Jansen VISS steel roof glazing system was used for the saw-tooth roof of the atrium, which measures  $9.2 \times 12.1$  metres (width  $\times$  length).

#### PROJECT DETAILS

Villa in Suzhou / China

ARCHITECTURE: William Wong

PHOTO: Jian Feng Studio



## SUSTAINABLE – FOR A FUTURE-PROOF CONSTRUCTION METHOD

The VISS Facade systems set new standards in terms of sustainability and design. Thanks to the verified environmental product declarations (EPDs), they make a significant contribution to building certification in accordance with standards such as DGNB or LEED. Depending on the design, the CO<sub>2</sub> footprint is up to 50% lower than comparable steel facade systems.

With a service life of up to 100 years, the VISS systems are not only ecologically but also economically impressive. The slender face widths in relation to the generous glass surface ensure timelessly elegant architecture. At the same time, the robust design enables long-term use with minimal maintenance.





## NUMEROUS SWISS PROPERTIES

- 1992 – 1996 The Engineering School, Fribourg
- 1998 St. Galler Kantonalbank, Rapperswil
- 2002 AMAG, Bellinzona and a multi-purpose hall Heslibach, Küsnacht
- 2006 Leuk Castle
- 2010 The Glas Trösch office building and factory hall, St. Gallen
- 2010 The Novartis Campus, Basel
- 2018 St Jakobshalle, Basel
- 2019 VBZ Kalkbreite tram depot, Zurich and Migros & Denner branch Limmattal, Schlieren
- 2020 Victorinox Distribution Center Europe, Seewen
- 2023 SBB (swiss federal railway) train station, Lugano

On Monte Generoso, the breathtaking panoramic mountain in Ticino, the 'Fiore di pietra' (stone flower) building by architect Mario Botta was inaugurated in spring 2017. The highly thermally insulated Jansen VISS HI system was used for the exterior facade.

### PROJECT DETAILS

Vetta Generoso,  
Monte Generoso / Switzerland  
ARCHITECTURE:  
Mario Botta, Mendrisio  
FACADE PLANNING:  
Didier Grandi SA, Rivera  
PHOTO:  
Studio Fotografico Enrico Cano



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## PROJECT DETAILS COVER

Storage area of Museum Boijmans van Beuningen, Rotterdam / The Netherlands  
ARCHITECTURE: MVRDV, Rotterdam  
PHOTO: Ossip van Duivenbode