

Heritage

FABRICATIONS

BRONZE & STEEL
WINDOWS & DOORS



HF VISS

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System solutions for façades and roof glazing

HF VISS façade system solutions offer a wide range of options for letting natural light into the interior, not only through vertical façades but also through the roof.

Steel with welded joints offers a wide range of design options. As the façades are tested in accordance with EN 13830, metal fabricators can provide the CE marking required in the EU.

Fire resistance, burglar resistance, and sustainability can be documented through certification or Environmental Product Declarations (EPDs).

Façades form the building envelope and can be designed in many ways. Steel enables a wide range of certified façade solutions, including mullion/transom façades, back-ventilated rainscreen façades, curtain walls, and glass façades.

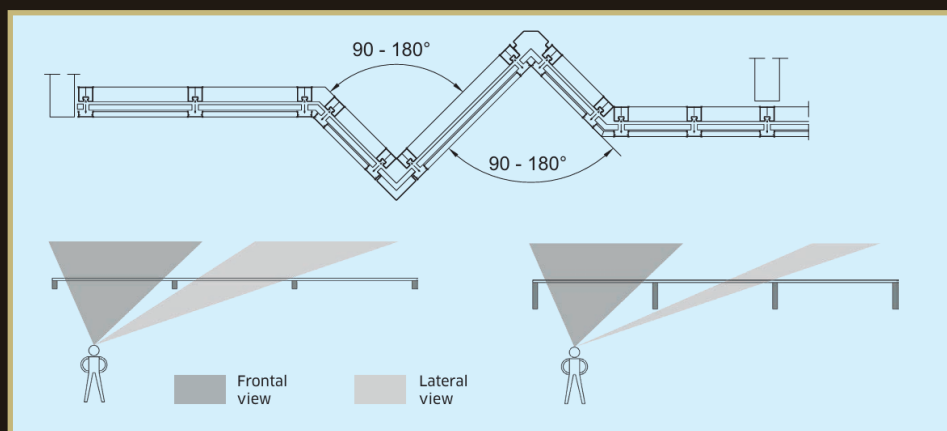


Profile design, polygon glazing.

The façade design plays a key role in defining a building's appearance. Attachment profiles, roof connection options, and polygon glazing offer extensive design flexibility, while profile widths and depths can be tailored to achieve the desired level of transparency. Different attachment profiles also create distinctive visual effects by varying the interplay of light and shadow.

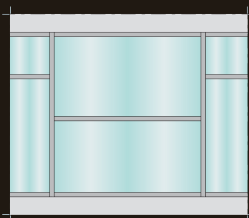
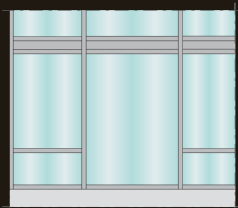
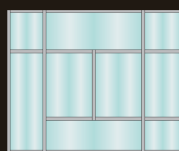
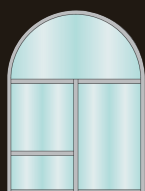
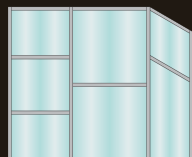
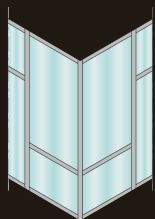
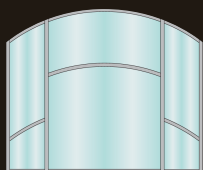
System solutions for façades and roofs can be found in the following series:

- VISS Basic façade
- VISS Basic HI (highly insulated)
- VISS Basic with burglar resistance
- VISS façade
- VISS façade HI (highly insulated)
- VISS façade with burglar resistance
- VISS façade with bullet resistance
- VISS façade with fire protection
- VISS façade with design profiles
- VISS façade SG (structural glazing)
- VISS Basic roof glazing
- VISS roof glazing
- VISS roof glazing HI (highly insulated)
- VISS roof glazing with fire protection



The arrangement of mullion/transom profiles or the view as an SG façade can give very different impressions to the observer.

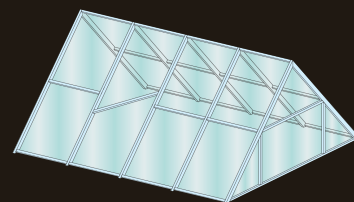
Façade type overview



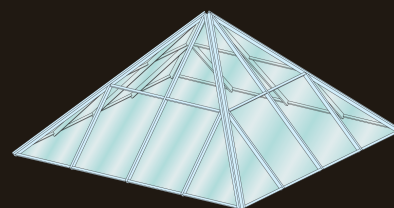
Roof Glazing: Pyramids, domes, gable roofs, and mono-pitch roofs.

Roof glazing requirements vary widely in both form and function. Welded steel structures provide exceptional versatility, while slim profiles enable large skylights and complex architectural designs. Tested inclination angles ensure precise alignment to meet both occupant needs and building requirements.

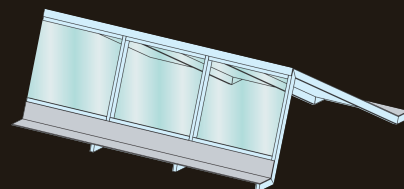
Gable roof



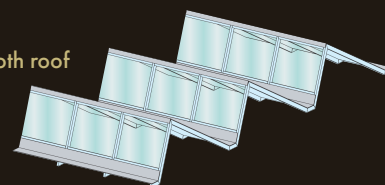
Pyramid



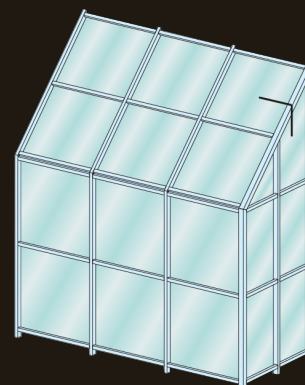
Saw-tooth roof



Multiple Saw-tooth roof



Pitched roof



HF VISS Basic

VISS Basic Façade

The VISS Basic façade can be mounted on any support structure made of standard hollow profiles, combining a certified system with a cost-effective substructure.

VISS Basic Façade HI (Highly Insulated)

An insulating core insert provides high thermal performance, contributing to passive house standards. U-values range from 0.5 to 0.8 W/m²K for both 50 mm and 60 mm face widths.

VISS Basic Façade with Burglar Resistance

With additional components, the façade can achieve RC2–RC4 burglar resistance, offering up to 10 minutes of protection for sensitive building areas.

Materials / Surface Finish

- Aluminium or stainless steel cover sections

Construction Types / Safety Options

- Mullion–mullion–transom and mullion–transom–mullion constructions
- Welded and/or push-fit systems
- Segmental glazing, concave and convex
- Burglar resistance RC2–RC4
- Thermal insulation with VISS Basic HI

Technical Features

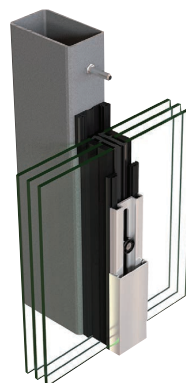
- Face width: 50 / 60 mm
- Basic depth: according to structural requirements
- Infill thickness: 6–70 mm

Benefits

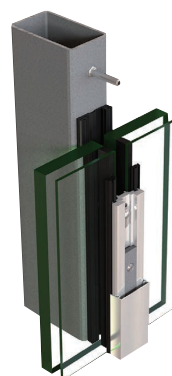
- CE marking according to EN 13830
- High thermal performance (Uf from 0.51 W/m²K)
- Structural glazing (SG) design option
- Flexible welded and push-fit combinations for complex geometries

Versions of VISS Basic façade

VISS Basic façade

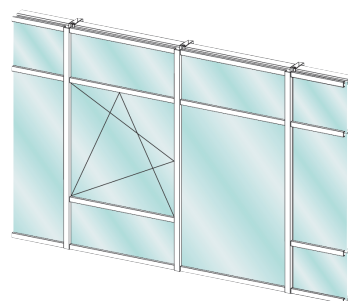


VISS Basic façade RC4

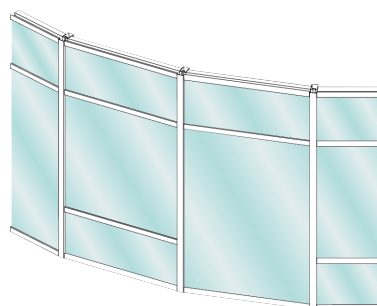


Construction types

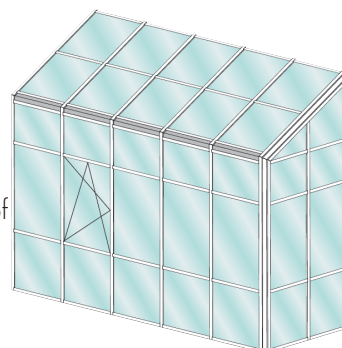
With window



Round glazing



Vertical façade with pitched roof



HF VISS

VISS Façade

The VISS façade system is suitable for new and existing buildings. Its integrated support structure with mounting groove simplifies installation and allows large spans. The system is passive house certified and offers RC2–RC4 burglar resistance, EI90 fire resistance, and FB4/NS bullet resistance.

VISS Façade HI (Highly Insulated)

An insulating core provides high thermal performance for passive house standards. U-values range from 0.5–0.8 W/m²K for 50 mm and 60 mm face widths.

VISS RC Façade

Additional components enable RC2–RC4 burglar resistance, protecting sensitive areas.

VISS Fire Protection

Fire resistance options include EI30, EI60, and EI90.

VISS SG Façade

SG and Semi-SG versions use narrow silicone joints for a uniform glass appearance, with large formats and corner solutions for high transparency.

Materials / Surface Finish

- Uncoated or strip-galvanised steel (suitable for powder coating or stove-enamelling), aluminium and stainless steel cover sections, VISS Linea profiles for design variations.

Construction Types / Safety Options

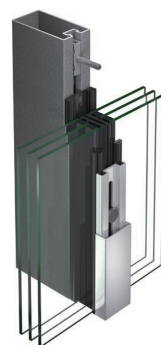
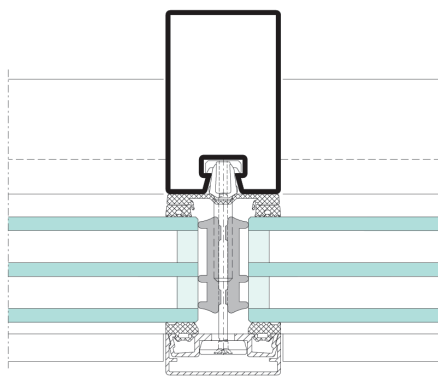
- Mullion–mullion–transom and mullion–transom–mullion systems, welded and/or push-fit construction, segmental glazing (concave/convex), RC2–RC4 burglar resistance, FB4 bullet resistance, E/EW/EI 30/60/90 fire resistance, VISS façade HI insulation, structural glazing (SG).

Technical Features

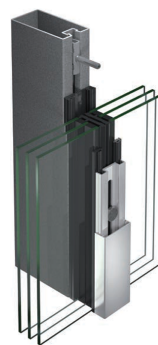
- Face width: 50 / 60 mm; basic depth according to structural requirements; infill thickness: 6–70 mm.

Benefits

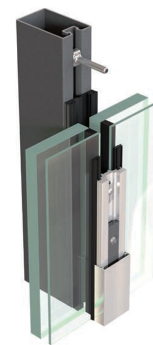
- CE marking according to EN 13830; high thermal performance (U_{gw} up to 0.64 W/m²K with passive house certification, 50 mm face width); SG design option; flexible welded and push-fit combinations for complex geometries.



VISS façade



VISS façade HI



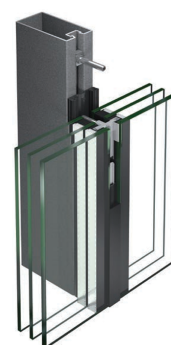
VISS façade RC



VISS Fire EI30



VISS Fire EI60



VISS façade SG



VISS façade semi SG

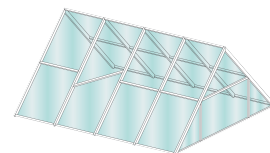
HF VISS Basic roof glazing

HF VISS Basic roof glazing system offers architects and metal fabricators a roof construction that can be mounted on any support structure. Freely selectable support profiles enable large-span rooflights, while the basic depth can be adapted to structural requirements, allowing a wide range of roof shapes and design options.

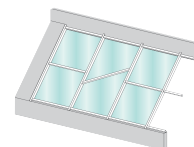
- Materials/surface finish
 - Cover sections in aluminium or stainless steel
- Construction types/safety options
 - Mullion-mullion-transom construction
 - Welded and/or push-fit construction
 - Pyramid, dome, gable glazing, mono-pitch roof, polygon glazing
 - Optimum thermal insulation with VISS Basic roof glazing HI
- Special technical features
 - Face width 50 mm / 60 mm
 - Basic depth according to structural engineering requirements
 - Infill element thickness 16 mm – 70 mm
 - Roof pitches of 7° – 80° (0° – 80° indoors, 0° – 80° on weather-protected roofs)
- Your benefits
 - System tested in accordance with EN 13830 (water quantity 3 l/m³ instead of 2 l/m³)
 - Combination of welded and push-fit connections for unusual shapes

Versions of VISS Basic roof glazing Construction types

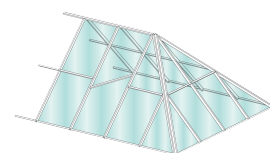
Gable roof



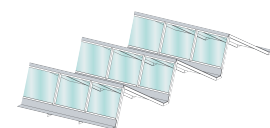
Pitched glazing



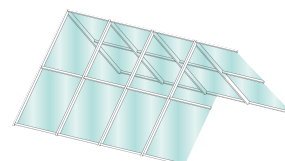
Hip roof



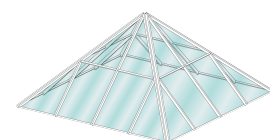
Saw-tooth roof



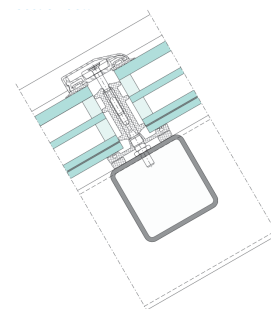
Gable roof



Pyramid



Section detail





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