



The façade frame

The framework shall be made up of 52 mm module mullions and transoms (steel tube sections and reinforcements defined according to static size regulations for the façade).

Mounting onto the shell shall be carried out using specially designed hooks which allow three-dimensional adjustment.

The mullion/transom intersection shall be square cut with a fitting attached to transom for a face-fixed installation or using a specific connection for fitting as work progresses.

Sealing of the intersection shall be obtained using an injection of sealing butyl putty in the connecting piece (in all cases, sealing may be carried out in the workshop or on site).

Structural glazing aspect

- The fixed parts will be 32 to 34.2 mm thick.
- Opaque panels with 6 or 8 mm glazing.
- 32 mm top hung open out concealed opening frame.

There shall be a 22 mm visible space between the different modules.

Double glazing

On the fixed parts, the system demands specific glazing volumes.

A continuous anodized aluminium profile shall be incorporated between the 2 glazed partitions on the inside of the silicone zone underneath the insulation divider. This profile shall be used for attaching volumes to the curtain wall framework.

The glazing volumes shall be attached to the curtain wall structure using aluminium support pieces situated on the tip of the aluminium structure in accordance with TECHNAL directives and technical documents. They shall be attached to the mullions and transoms of the aluminium framework.

The ends of the attachments shall be inserted into the U profile between the 2 double glazing glass panels.

Sealing and finish

The specific ABS divider shall not be broken up by the attachment of the volumes in order to guarantee optimal thermal performance and continuous sealing between the infill components.

A silicone gasket shall be applied between the infill components on an unbroken base to guarantee optimum sealing.

Composite aluminium panels

Composite 4 mm aluminium panels shall be fitted onto specific profile bases. The panels shall be attached to the curtain wall structure using aluminium support pieces situated on the tip of the aluminium structure in accordance with TECHNAL directives and technical documents. They shall be attached to the mullions and transoms of the aluminium framework.

There shall be a visible 22 mm space between the volumes.

Façade openings

The opening frames shall be incorporated without modifying the exterior aspect.

The hidden top hung open out openings shall come with 32mm SSG* type windows with rounded edges on 4 sides in accordance with the TECHNAL and putty suppliers' directives and technical documents.

Volume fitting shall be obtained using bonding onto an aluminium strip (produced to CEBTP specifications) via a bonding putty (SNJF label or with technical notice). The principle shall be subject to CSTB technical advice (Top hung open out: glazed partition with non-edged frame). Bonding shall be carried out by a qualified company in accordance with the directives and technical documents from the aluminium and putty suppliers.

Exterior sealing shall be obtained by a low module gasket on butt strip. The plain end of the opening frame glazing shall be flush with the fixed frames.

-Hardware fitting using adjustable stainless steel parallelogram stays which shall be chosen according to the constraints of use.

-Centralized locking with multipoint lock.

-Sealing between fixed and opening frames provided by 2 indoor and outdoor EPDM* rabbet gaskets.