



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).

Sealing of 5 to 11 mm thick infills, shall be carried out from the exterior with aluminium pressure plates equipped with EPDM* gaskets and plugs, reinforced on the interior by EPDM* gaskets. Run off of eventual water ingress shall be achieved using oblong slots on the pressure plates and the horizontal caps.

Thermal break between the interior and the exterior shall be provided using a PVC horizontal and vertical dividing gasket placed between the structure and the exterior pressure plates.

The outer aspect shall be of the

- Visible grid type using 52 mm caps clipped onto the aluminium pressure plates.

or

- Horizontal grid provided by horizontal raised caps clipped onto the aluminium pressure plates. The linear effect shall be emphasized by a 22 mm trim gasket effacing the verticals. If necessary an anti-deflection pressure block in the middle of the span supports the volumes (use to be defined according to the nature of the glazing components and to the region). The glazed partitions shall be of the CEKAL* certified SSG* type, with rounded edges, calculated as "2-sided".

or

- vertical grid, provided by horizontal raised caps clipped onto the aluminium pressure plates. The linear effect shall be emphasized by a 22 mm trim gasket effacing the horizontals. If necessary an anti-deflection pressure block in the middle of the span supports the volumes (use to be defined according to the nature of the glazing components and to the region). The glazed partitions shall be of the CEKAL certified SSG* type, with rounded edges, calculated as "2-sided". Additional sealing with low module neutral putty shall be carried out on the lower part of the glazed partitions.

Façade openings:

The openings shall be incorporated without modifying the outer aspect of the grid façades (traditional, horizontal and vertical grid):

The concealed openings shall come with 5 to 11 mm SSG* with rounded edges on 4 sides in compliance 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 notice (Top hung open-out: glazing 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.