



The framework shall be made up of 62 mm module mullions and transoms (steel tube sections and reinforcements defined according to static size regulations for the façade). The glass edge protection of the large size glass volumes (half perimeter between 5 and 7 mm) shall be obtained by a rebate, mullion and transom height of 26 mm. Height defined according to current standards.

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

The mullion/transom intersection shall be square cut.

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 infill (glazed partitions or panels) 8 to 44 mm thick, shall be carried out from the exterior with aluminium pressure plates equipped with EPDM* gaskets and plugs, reinforced on the interior by EPDM* gaskets. Drainage 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 created using a TPE horizontal and vertical dividing gasket (equipped with partition tabs) placed between the structure and the exterior pressure plates.

The outer aspect shall be of the visible grid type (traditional grid) using 62 mm caps clipped onto the aluminium pressure plates.

Façade top hung open out openings shall be incorporated without modifying the outer aspect of the grid façades:

The hidden frames shall come with 36 or 42 mm glazed partitions with the CEKAL*, SSG* type label, in compliance with technical notice with rounded edges on the 4 sides. 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. A thermal shield shall be assembled after bonding the glazed partitions onto the peripheral sections of the opening frame. 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.

Top hung open out opening frame

Hardware fitting using adjustable stainless steel parallelogram stay 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* rebate gaskets, and 2 sets of exterior rain-barrier EPDM gaskets.