



Range complying with the French NF EN14351-1 (EU mark for windows and doors) standard.

Fixed frames

Symmetric tubular profiles with 3 x 55 mm thermal break chambers.

Principle of modular system for fixed / opening frames around angle housing of 38 mm. A single thermal break chamber, used in mullion or upper transom in the case of wood kits, allows the incorporation of a door closer.

Central thermal break is obtained via a 20 mm 25% fibre glass reinforced double strip PA6.6 insert. The strip jointed inner and outer profiles can be dual colour.

Assembly

The corner cleat allows a mitre cut assembly by crimping or stainless steel Torx type screw pins.

4 Principles of fixed frame:

Fixed frame, 38 mm with double glazing bead grooves.

Fixed frame 38 mm and 15 mm with double glazing grooves allowing the clipping on of a 15/10th metal sheet, and fixation of capping, head guard and double glazing shutter pieces.

38 mm fixed frames for incorporation of Geode curtain wall (crimping only).

Opening frames

Symmetric tubular profiles with 3 x 55 mm chambers (thermal break).

Central thermal break is obtained via a 20 mm 25% fibre glass reinforced double strip PA6.6 insert.

The profiles allowing composite openings (3 sides) with baseboard or peripheral (4 sides), as well as the interior and exterior hinged openings for simple action or independent solution.

Specific profiles permit sliding openings and anti-finger trap with a 23 mm space between each leaf. The strip jointed inner and outer profiles can be dual colour.

Assembly

The corner cleat allows a mitre cut assembly for peripheral opening frames by crimping or stainless steel Torx type screw pins.

Double end caps allow assembly of baseboard or intermediary transoms on a square cut.

Infill

Principle of clip-in aluminium on aluminium glazing bead.

The set of 7 gaskets is curved, 1 outer gasket and 6 inner gaskets (Black or Grey 7040).

Infill from 4 to 42 mm without rebate widener, from 44 mm to 70 mm with a widener

Sealing

Hinged opening frames:

Sealing between the fixed and opening frames is based on the vulcanized thermoplastic (VTP) double barrier curved gasket principle (black or grey 7040).

Sliding opening frame and anti-finger trap:

Using thermoplastic joint or double brush gasket.

Sills:

Flats by brush gaskets. For mobility impaired persons, interior and exterior building thresholds by double brush gaskets and VTP central rebate gasket. For mobility impaired persons, residential-only interior opening frame thresholds by VTP rebate gasket.

Drainage - 2 solutions:

Façade drainage using oblong slots protected by a deflector.

Concealed drainage avoiding use of deflectors on transoms.



Accessories

All the screws have the Torx head. Fittings and visible gaskets on the exterior are available in black and grey 7040. Gaskets hidden in grooves are grey 7035

Levers and handles:

Double lever with rosette and double lock on plate with 8 mm square drive.

Lever and pull handle on plate

Double lever handle with reduced lug for exterior roller shutter

Pull handle (patent registered)

Locks

Basic offer with 1 point lock, half-turn fixed frame latch, or rolling fixed frame latch.

An offer of multipoint lock, equipped with a forend with pre-assembled insulating sheath and a rigid insulating bar (patented system), which ensures an unbroken thermal break over the upper section.

The offer is compatible with the locking jamb of the SOLEAL French door.

The 3-point and multi-point offer:

The offer allows unlimited addition of supplementary locking points, front facing or vertical latch bolt for doors of extended height.

The 3-point lock with lever allows locking of points by lifting the lever handle.

The locking kit.

Principle of a single, complete packaging of a 3- point lock with pre-assembled cramp and grained and machined rods. The lock kit avoids all the graining and fitting operations of a classic multi-point lock. Supplementary locking points can be added in the event of extended height doors.

Articulations

Hinges

Rebate assembly

2 or 3 arm hinges in the rebate with invisible adjustment.

12 mm hinge axis allows load bearing per leaf of up to 150 kg.

The hinge fitting is done without machining, by sliding an insert into the opening and fixed frame grooves.

A tool adapted to the hinge allows on site adjustment to door height while in closed position

Wall-mounted assembly

Wall-mounted 2-arm hinges, allowing floor pivot stop openings with offset 36 mm axis.

Machining with drilling jig.

Ground pivot stop

Floor pivot with a stop at 90°, force 2 to 4, for horizontal sliding door with baseboard and peripheral opening up to 150 kg per leaf.

With a 36 mm offset axis for a weight per leaf of up to 100 kg.

Invisible door closer

Invisible hydraulic door closer, force 3 to 6, is recessed in the upper transom of the fixed frame in a simple casement or wood unit.

It allows door stopping at 90° and an interior adjusting stop incorporated in the sliding joint allows limiting opening size.

3 settings allow independent variations in closing speed, opening stop and the final shutting impact.

The door closer allows opening and closing of hinged doors (exterior and interior) as well as sliding doors on a crapaudine.



Casement composition

Set of mullions and transoms, single or double glazing beads with the possibility of tubular or flat steel reinforcement.

The specific transom for the invisible door closer, assembled on a square cut, allows for a double glazing bead and for the fitting of a SOLEAL opening on the upper part.

Connecting mullions strips allow back to back assembly of casements.

Straight cut assembly obtained using aluminium double end caps and stainless steel Torx type screw pins.

Some profiles allow the reconstitution of the swinging leaf on the fixed frame or a simple action horizontal sliding opening using multi-use 38 mm profiles.

A PVC concealed locking groove (patent) insures the support of reconstitution profiles as well as unbroken thermal break.