

GALENE GTi thermal-break patio-door with lift and slide system



Fixed frame profiles on 2 rails (2, 3 or 4 leaves) for 126 mm module or 3 rails (3 or 6 leaves) for the 194 mm module. Straight cut assembly by tongue and groove joint.

Water drainage and evacuation shall be by anti-back draft dampers along the lower rail.

The lower fixed frame shall have an incorporated duct permitting condensation recovery.

56 mm module peripheral opening frame profile. Mitre cut assembled with 2 mechanical pin corner cleats reinforced by flush corner cleats.

Thermal break is ensured by double strips of polyamide reinforced fibre glass with a 13 mm air gap on the fixed and opening frame.

The strips shall be flush to avoid water retention.

In the central part, thermal bridge break is obtained by a polyamide insulating profile applied to the opening frame and also acting as a central baffle.

Fitting of 24 mm and 39 mm volumes is achieved by clip fitting straight glazing beads.

Inner and outer gaskets in marine quality EPDM with reduced angle fillet curved in the corners.

Perimeter sealing is guaranteed by a double EPDM gasket compressed by the weight of the opening frame when closed.

In the central part, it is guaranteed by a double EPDM gasket at the baffle level reinforced by a double barrier of brush seals.

Multipoint 2-, 3- or 4-point locks depending on the height of the leaf, with single or double pull handle, and of a specific size to facilitate opening and locking of the leaf.

The rollers are integrated into lift & slide hardware operated with a pull handle, making leaf movement easier in all configurations.

The rollers have tyres made of fibreglass reinforced PVC and are mounted on needle bearings, supporting leaves of up to 250 kg.

The various lift & slide hardware components are made of high quality steel or of zinc alloy with added aluminium.

Depending on the material used, the surfaces are galvanized, chromium-plated or anodized to offer maximum protection and guarantee maximum longevity.

**EPDM: Category of rubber.*