

## Technical – Timber Casement Windows

Area	Description
Materials	Jamb and Frame solid or laminated Scandinavian pine; deep vacuum impregnated. No finger jointing used for stained timber windows.
Weather Strip	Thermoplastic weather strip fitted in one continuous strip ensuring a tight seal to protect from the harshest weathers.
Glazing rebates	All units are fitted with a 26mm glazing rebate to ensure high protection and seal double glazed unit. The internal glass pane is fitted with a special rubber strip
External Glazing beads	Fitted with unbroken lines with hidden nails ensuring prolonged lifetime and an elegant finish. The bottom glazing bead is made from aluminium for additional protection. Can be painted to RAL colour specification.
Frame Section	Standard 110mm special up to 165mm section
Hinges	Ipa 11198 galvanized. Can be sprayed in special Ral colour.
Espagnolette	Friction stay as standard – Ipa is operated with espagnolette handle. With the handle in the closed position, the sash is retained by friction in the same position. With the handle in the open position, the sash is released. In order to protect sash and hinges, the friction stay will slide when overloaded.
Handles	FIX 83. Metal, matt chrome. The handle has fixed positions for open and closed.
Glazing Specification	Double glazed (4/18/4) selective glass Super A 1.1/ Low E as standard. Toughened/ laminated glass supplied as required
Glazing – Optional extras	Obscure Glass, Blinds in glass, Bio Clean etc.
Vents	Perma vents supplied as required
In-fill Panels	Insulated pine panels 26mm (flush or tongue and groove as required)
Fixed Light	No openings.
Top guided	Outward Opening. Operates with track and slide mechanism using IPA friction sliding brakes
Side Hung	Outward Opening. Operates with track and slide mechanism using IPA friction sliding or active brakes
Side Guided	Outward Opening. Operates with track and slide mechanism using IPA friction sliding brakes. On opening the window the hinge side of the sash is pushed towards the centre (90 dg).
Finish	Complete factory finish; deep vacuum impregnated and aqua base and top coat
Colour	Stain/ laseret. RAL colour as per specification. Dual colour option available; eg RAL colour outside and stain/ laseret inside

