

L10 WINDOWS/ ROOFLIGHTS/ SCREENS/ LOUVRES**GENERAL**

110 EVIDENCE OF PERFORMANCE

- Certification: Provide independently certified evidence that all incorporated components comply with specified performance requirements.

140 CONTROL SAMPLES

- Procedure:
 - Finalise component details.
 - Fabricate one of each of the following designated items as part of the quantity required for the project.
 - Obtain approval of appearance and quality before proceeding with manufacture of the remaining quantity.
- Designated items: _____

PRODUCTS

400 ALUMINIUM WINDOWS

- Drawing reference(s): ()
- Manufacturer:
 - Idealcombi A/S, Chancery Pavilion, Boycott Avenue, Milton Keynes, MK6 2TA
 - Telephone: 01582 860940 | www.idealcombi.com
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- Product reference: [FUTURA+ I - 53mm inward opening](#) range of products
- Tilt & Turn / Tilt only or fixed – window
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- Materials:
 - Exterior frame / sash cladding: Aluminium / Polyurethane / Aluminium inward opening sashes and fixed sashes.
 - External and Internal Finish: Polyester Powder Coated – Standard RAL colours (Matt or High gloss)
 - Interior frame section: Aluminium with 149mm (or 175mm) overall depth of frame.
- Exposure category classification requirements shall be indicated in conformance with:
 - DS/EN 12207 for air permeability
 - DS/EN 12208 for water tightness
 - DS/EN 12210 for wind load
- Glazing details: To DS/EN 1279 with black warm edge spacers, safety glass to BS EN12600:2002, below 800 mm above finished floor level and below 1500mm within 300mm of doors.

	28mm double glazed unit (High G):	Glazing Uw 1.38 / Gg 0.73
[OR]	28mm double glazed unit (Medium G):	Glazing Uw 1.33 / Gg 0.65
[OR]	48mm triple glazed unit (High G):	Glazing Uw 0.78 / Gg 0.62
[OR]	48mm triple glazed unit (Medium G):	Glazing Uw 0.74 / Gg 0.53

- Ironmongery/ Accessories:

To include: aluminium folded sill pressings, Futura + I inward opening window has a tilt & turn function.

Both opening functions are controlled by the same espagnolette handle in the locking jamb. In the closed position the handle is vertically downwards.

The tilt function is triggered by turning the handle 90° to the horizontal position.

The turn operation is triggered by turning the handle in the upright vertical position. The tilt function can be locked with a key and only opened as a Turn (side hung) function by using the key and turning the handle upwards.

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EXECUTION

710 PROTECTION OF COMPONENTS

- General: Do not deliver to site components that cannot be installed immediately or placed in clean, dry and covered storage.
- Stored components: Stack vertically or near vertically on level bearers, separated with spacers to prevent damage by and to projecting ironmongery, beads, etc.

750 BUILDING IN

- General: Not permitted unless indicated on drawings.
- Brace and protect components to prevent distortion and damage during construction of adjacent structure.

765 WINDOW INSTALLATION GENERALLY

- Installation: Into prepared openings.
- Gap between frame edge and surrounding construction:
 - Minimum: 9mm
 - Maximum: 15mm
- Distortion: Install windows squarely without twist or diagonal racking.

770 DAMP PROOF COURSES IN PREPARED OPENINGS

- Location: Ensure correct positioning of DPC's, DPM's and/ or cavity closers in relation to window frames. Do not displace during fixing operation.

784 FIXING OF ALUMINIUM FRAMES

- As section () using galvanized mild steel cramps or as otherwise recommended by the manufacturer.

- When not predrilled or specified otherwise, position fixing not more than 150 mm from each end of jamb, adjacent to each hanging point of openings lights, and at maximum 600 mm centres.
- Fasteners appropriate to surrounding structure.

810 SEALANT JOINTS:

- Sealant manufacturer and reference: Adshedd Ratcliffe Arbo LM low modulus silicone sealant or equivalent.
- Brush joints clean and free from all dust etc wipe the joint interface with an approved solvent wipe and allow for drying. Insert a foam backing strip or bond breaker tape to back of joint. Apply the Arbo LM low modulus silicone mastic (joint size 10 to 15mm typically). Tool joint with a smooth stick to leave neat professional finish.
- Colour: To compliment or match window colour.
- External seal
 - Manufacturer: Compriband
 - Range: Ilmod 600 tape,
Colour: Anthracite/RAL7030 Grey or black
Certification: BBA 96/3309Install windows into prepared opening, maintaining a 12m +/- 4mm gap. Tape is to be placed between the wooden frame and window reveal. (Where there is a brick reveal the joint needs to be flush to ensure a suitable weather tight seal.)

820 IRONMONGERY:

- Fixing: Assemble and fix carefully and accurately using fasteners with matching finish supplied by ironmongery manufacturer. Prevent damage to ironmongery and adjacent surfaces.
- Checking / adjusting / lubricating: At completion check, adjust and lubricate as necessary to ensure correct functioning.