

Idealcombi Frame IC NBS

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

400A CO ALUMINIUM/TIMBER COMPOSITE EXTERNAL DOOR SETS

- Drawing reference(s): ()
- Manufacturer: IdealCombi A/S, Chancery Pavilion, Boycott Avenue, Oldbrook, Milton Keynes, MK6 2TA telephone: - 01582 860940 fax: - 01582 860949
www.idealcombi.com
- Product reference: **FRAME IC/NATION IC** Inward or Outward Glazed opening sashes
- Materials:
 - Exterior frame / sash cladding: Aluminium / Polyurethane / Aluminium outward and inward opening sashes.
Finish: Polyester Powder Coated – Standard RAL colours (Matt or High gloss)
 - Interior frame / sash section: Redwood timber (Pinus species) supplied from a renewable and managed supply chain. Quality optimised finger jointed timber with 122mm (or 149mm) overall depth of frame.
Finish: Factory finished, 2 coat micro porous paint, selected from standard colour range.
- Exposure category classification requirements shall be indicated in conformance with:
 - DS/EN 12207 for air permeability
 - DS/EN 12208 for water tightness
 - PAS 24:2016 – SBD Certified**
- Glazing details: 28mm double glazed unit to DS/EN1279, argon gas filled cavity and Low E glass coating with warm edge spacer bar. Safety glass to BS 6206 below 1500mm above finished floor level and side lights within 300mm of doors.

To include: Aluminium drip sills (or aluminium folded sill pressings), aluminium ventilators, opening handles to operate a fully concealed multi-point locking hook bolt mechanism with night vent position. Restrictors required to all windows to limit the opening to approximately 100mm.

410A ALUMINIUM/TIMBER COMPOSITE EXTERNAL DOOR SETS

- Drawing reference(s): ()
- Manufacturer: IdealCombi A/S, Chancery Pavilion, Boycott Avenue, Oldbrook, Milton Keynes, MK6 2TA telephone: - 01582 860940 fax: - 01582 860949
www.idealcombi.com

Product reference: **FRAME IC/NATION IC** range of products

Inward opening Flush Door Panel

(<https://products.idealcombi.com/en/product/frameic-inward-opening-flush-door/>)

- Materials:
 - Outer-frame: Aluminium / Polyurethane / Timber
Inward opening sashes/door leaf's will be solid flush panel ref: (Partas 60mm door leaf)
External finish to the mainframe to be PPC
 - Interior of main frame: Redwood timber (Pinus species) supplied from a renewable and managed supply chain. Quality optimised finger jointed timber with 149mm overall depth of frame.
Finish: Factory finished, 2 coat micro porous paint - PPC
- Exposure category classification requirements shall be indicated in conformance with:
 - DS/EN 12207 for air permeability
 - DS/EN 12208 for water tightness
- Glazing details if a vision panel required to be either 28mm (inward opening) double glazed unit to DS/EN1279, argon gas filled cavity and Low E glass coating with warm edge spacer bar. Safety glass to BS 6206 below 1500mm above finished floor level and side lights within 300mm of doors.

PAS 24:2016 SBD certified

- Ironmongery/ Accessories:
18mm fibre mobility low threshold which can be easily ramped/detailed for Part M threshold. Fix 5035 security multi-point locking facility to all doors if appropriate with lockable cylinders internal and external. U shaped lever/lever handles with longplate and 120mm alu kick-plate

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: 6mm
 - 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 COMPOSITE FRAMES

- As section () using galvanized mild steel cramps or as otherwise recommended by **Idealcombi**.
- 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 and in accordance with **Idealcombi** fixing instructions.
- Fasteners appropriate to surrounding structure.

810 SEALANT JOINTS:

- Sealant manufacturer and reference: Adsheed 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 foam backing strip or bond breaker tape to back of joint. Apply the Arbo LM low modulus silicone mastic (joint size 6 to 10mm typically). Tool joint with a smooth stick to leave neat professional finish.
- Colour: To compliment or match window colour.

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.