

NBS - Contura

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 COMPOSITE WINDOWS

Drawing reference(s): ()

Manufacturer:

Idealcombi A/S,
Chancery Pavilion, Boycott Avenue,
Oldbrook, Milton Keynes, MK6 2TA
Telephone:- 01582 860940, www.idealcombi.com

Product reference: CONTURA (frame / nation) range of products, tilt before turn

Materials:

- Exterior frame / sash cladding: Aluminium inward opening sashes and fixed lights.
- 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 149 mm) overall depth of frame. Finish: Factory finished, 2 coat microporous paint, or stain 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
- Glazing details: 28 mm (frame) / 36 mm (nation) double

(triple) glazed unit to DS/EN 1279, argon gas filled cavity and Optitherm S3 Low E glass coating with warm edge spacer bar. Safety glass to BS 6206 below 800 mm above finished floor level and below 1500 mm within 300 mm of doors. Ironmongery/ Accessories:

To include: Aluminium folded sill pressings, aluminium ventilators to achieve 2500 mm_{EA}, opening handles to operate in 2 stages with fully concealed multi-point locking mechanism when closed.

400B 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, www.idealcombi.com

Product reference: CONTURA (frame / nation) range of products, tilt before turn

Materials:

- Exterior frame / sash cladding:
Aluminium 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 122 mm (or 149 mm) overall depth of frame. Finish: Factory finished, 2 coat microporous paint, or stain 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

Glazing details: 28 mm (frame) / 36 mm (nation) double (triple) glazed units to DS/EN1279, argon gas filled cavity and Optitherm S3 Low E glass coating with warm edge spacer bar. Safety glass to BS 6206 below 1500 mm above finished floor level and side lights within 300 mm of doors. Ironmongery/ Accessories:

Hardwood threshold, opening handles to operate in 2 stages with fully concealed multi-point locking mechanism when closed. Aluminium ventilators to achieve 2500 mm_{EA} to head of sash.

Windows & doors in wood-aluminium

520 SLIDING DOORS

Manufacturer:

Idealcombi A/S,
Chancery Pavilion, Boycott Avenue,
Oldbrook, Milton Keynes, MK6 2TA
Telephone:- 01582 860940, www.idealcombi.com

Product reference: CONTURA (frame) range

- Arrangement: Sliding door sash and fixed light
- Exterior frame / sash cladding: Aluminium inward opening and fixed 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 122 mm (or 149 mm) overall depth of frame.
- Finish: Factory finished, 2 coat microporous paint, or stain selected from standard colour range.

Operation:

The sliding sash is equipped with one handle and is fitted with ironmongery that, when the handle is operated, automatically moves the sash inward to the tilt position before being able to slide behind of the fixed sash.

Other requirements:

Glazing details: 28 mm double glazed unit to DS/EN 1279, argon gas filled cavity and Optitherm S3 Low E glass coating with warm edge spacer bar. Safety glass to BS 6206.

Aluminium tread plate to sill of opening light.

Ironmongery/ Accessories:

To include: ventilators to achieve 2500 mm_{EA} to fixed light.

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: 6 mm
- Maximum: 15 mm

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 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: Adshead 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 10 mm 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.

