

L20 DOORS

L20 DOORS/ SHUTTERS/ HATCHES

280 DOORS - ALUMINIUM

CS77-FP Concept System Doors –

Manufactured under a quality assurance scheme to ISO 9001: 2000. Guaranteed for 10 years. Doors must be manufactured and installed by a Reynaers approved company.

Fire Rated to the following standards:- EN 1634-1, EN-13501-2.

An aluminium framed Door system. Used for flat vertical facades only. Fire rated as EI60 with an option to have EI30. Doors are available up to the size tested (2600h x 2300w for double doors and 2600h x 1300w for single doors) as outward opening only,

Product options:

CS77-FP EI30 incorporating heat absorbing blocks.

CS77-FP EI60 incorporating heat absorbing blocks.

Note:

CS77-FP can only be installed by Reynaers approved fabricators that are specifically certified under the FIRAS accreditation scheme for this product.

Material

Aluminium frames with a glass fibre reinforced polyamide thermal break, dry-glazed with EPDM or neutral silicone gaskets.

Performance

Airtightness up to 600 Pa, water tightness up to 600 Pa.

Limit Sizes

Please refer to Reynaers Ltd catalogue for limit size graphs and weight limits.

Manufacturer:

Reynaers Limited, Kettles Wood Drive, Birmingham B32 3DB. Tel: 0121 421 1999, Fax: 0121 421 9797.

Email: reynaersltd@reynaers.com Web: www.reynaers.com

Colours

Powder coating is available in any standard RAL colour. Different colours may be used internally and externally.

Anodised finishes also available.

Glazing details:

Refer to our FIRAS partner Pilkington Glass Ltd, as they are authorised to specify the appropriate glass.

Ironmongery/ Accessories:

All handles, locks and hinges to be supplied by Reynaers Ltd in accordance with the sample tested. Please consult with Reynaers Ltd for standard details.

INSTALLATION

- 710 **PROTECTION OF COMPONENTS**
General: Do not deliver to site components that cannot be installed immediately or placed in clean, dry floored and covered storage.
Stored components: Stack vertical or near vertical on level bearers, separated with spacers to prevent damage by and to projecting ironmongery, beads, etc.
- 740 **CORROSION PROTECTION**
Before fixing, apply two coats of bitumen solution to BS6949 or an approved mastic impregnated tape, to surfaces of aluminium components which will come into contact with the following:-
Timber treated with copper, zinc or mercury based preservatives.
Oak, sweet chestnut, douglas fir and western red cedar, unless well seasoned.
Iron and steel unless galvanised.
Copper or copper alloys and rainwater, which has run over them.
Concrete, mortar or plasters, especially when embedded
Soil.
Paints containing copper or mercury based fungicides, graphite or lead
Lead stainless steel in heavily polluted atmospheres.
- 750 **BUILDING IN**
General: Not permitted unless indicated on drawings.
- 765 **DOOR INSTALLATION**
Install doors into prepared openings, maintaining a maximum gap of 10mm between the frame edge and the surrounding construction. Install doors without twists or diagonal racking. Doors must be manufactured and installed by a Reynaers approved company.
- 770 **PREPARED OPENINGS:**
Ensure that DPCS and thermabate insulated cavity closers are positioned correctly in relation to frames and are not displaced during fixing operations.
- 782 **FIXING OF ALUMINIUM FRAMES**
As section Z20 using cramps, straps, screws or expanding bolts or other materials necessary for fixing to be supplied by the window manufacturer
When not predrilled or specified otherwise, position fixings not more than 200mm from each end of jamb, adjacent to each hanging point of opening lights, and at maximum 700mm centres. Refer to the Reynaers manual for details.
- 810 **SEALANT JOINTS**
Sealant manufacturer and reference: proprietary silicon – to be determined by the appropriate design contractor.
Colour: tba.
- 820 **IRONMONGERY**
Assemble and fix carefully and accurately using fastenings with matching finish supplied by ironmongery manufacturer. Prevent damage to ironmongery and adjacent surfaces.
At completion check, adjust and lubricate as necessary to ensure correct functioning.