

DATA SHEET – FD30 COVENTRY FIRE DOORSET

Door :

- **Core :** Extruded solid board – 38mm thick to EN 14755.
- **Faces :** 4 panel moulded hardboard – 3.2mm thick. Bonded to door leaf core, stiles & rails.
- **Frame :** Softwood, 38x42mm stiles & rails.
- **Weight :** Approximately 41kg (based on 2032x813 door leaf)
- **Identification :** Metal tag fixed to the door leaf

Surround Frame :

- **Structure :** Red deal, rebated. Minimum 70x44mm section with 12mm deep rebate. Density 440kg/m³. Butt jointed and screwed.
- **Architrave :** Softwood or MDF, minimum thickness 15mm.
- **Intumescent Material :** Intumescent strips fitted with characteristics according to testing performed.

Ironmongery :

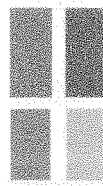
- **Lock :** Steel with CE with characteristics according with EN12209.
- **Hinges :** Stainless steel with CE marking characteristics according with EN 1935.
- **Closer :** Concealed chain type, steel 138mm long x 22.8mm diameter tested to BS476 Part 22.

Certification :

- Tested according to BS 476 : 22

Dimensions :

- **Door Leaf Sizes :** 2032x864x44mm(80"x34"), 2032x813x44mm(80"x32"), 1981x762x44mm(78"x30"), 1981x711x44mm(78"x28"), 1981x660x44mm(78"x26"), 1981x610x44mm(78"x24").



- **Door Gaps :** Between frame and door leaf – minimum of 2mm & maximum of 4mm.
Threshold – 8mm between bottom of leaf and top of floor covering.

On Site Care & Installation

In accordance with Code of practice for Fire door assemblies with non-metallic leaves BS 8214:2008.

Site Handling and Storage :

Doors should be adequately protected from exposure to excessive moisture and splashing by corrosive or staining materials.

The fixing of door assemblies should be left as late in the building programme as possible to avoid damage arising from other operations. Delivery should be planned so as to reduce the storage times on site to the practical minimum.

Where doors or doorsets have to be stored the building should be dry and well ventilated at a constant temperature. Do not store in damp, freshly plastered, drywall or concrete areas until materials have completely dried.

Door leaves should be stored flat on bearers to keep them away from floor or ground contact. Doors should be stored at least 10ft away from any heat source to help prevent uneven drying.

Installation :

- **Structural Opening :** The supporting construction must provide the required level of fire resistance designated for the doorset design and be a suitable medium to permit adequate fixity.

- The frame should be plumb and square, and securely fixed into the opening, with packing as necessary to ensure that the gap between the frame and surround is equal on both sides. The need to provide solid fixings for day-to-day use will probably override any special fixing considerations for fire.
- Doorsets should be installed plumb and square within the aperture without twist, racking or distortion of any member, in accordance with the manufacturer's recommended tolerances, to operate correctly after installation.
- It is critical that the correct methods of installation are adopted to ensure that a doorset, when fixed to the wall, will achieve the fire rating designated for the door opening.

Note : Approved Document B of the Building Regulations 2000(6) recommends that the installation of fire-resisting products be covered by product conformity certification or by independent registered installer schemes, where such schemes are available.

- See Table 2 attached for recommendations for the joint between timber door frames and walls to provide 30 min fire resistance.