

C W Fields & Son

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Architectural Doorsets and Bespoke Joinery



Fields DuraCore Doorset

By C W Fields & Son

Detailed description

Door leaves constructed from 44 or 54 mm high performance multi-layer particleboard. The density and finish of the product permits the manufacture of door leaves without perimeter framing and additional sub-facing materials. Available as a doorset or door leaf only and can be partnered with Fields Wall Panelling for a fully coordinated design.

Features:

- Available fire ratings: FD30, FD60 or non-fire rated.
- Acoustic performance up to 35 dB.
- Can be supplied with softwood, hardwood, MDF or steel frames depending on fire rating.
- Cold smoke protection can be accommodated.
- Certified by the Exova BM Trada Q-Mark Fire Door Manufacture scheme for fire doors if required.
- Available as fully FSC certified doorset.

Product guidance - As Standard

Size (maximum):

- Height:

- FD30: 915 x 3223 mm.
- FD60: 928 x 3066 mm.

- Width:

- FD30: 1203 x 2800 mm.
- FD60: 1105 x 2120 mm

Options

Performance:

- Mechanical test severe duty: DD171.
- Mechanical test severe duty Class 4: EN 947, EN 948, EN 949 and EN 950 (classified to BS EN 1192).
- Mechanical test severe duty Class 8: BS EN 1191 (with classification according to EN 12400): completed 1 000 000 cycles (dependent on configuration).
- Fire resistance test to BS 476-22 by Chiltern International Fire Ltd.

Glazing:

Fields DuraCore Doorsets are factory glazed, when specified using clear laminated fire resisting glass in conjunction with intumescent materials. The glass is retained using a purpose-made, pin-fixed, hardwood splayed and rebated cloak type or square section flush check glazing bead. The maximum permitted glazed area per leaf must not exceed 1.9 m² throughout the configuration range and is dependent on the fire rating. Aperture shape is unrestricted and may be in multiple or single paned form providing glazing is not less than 100 mm from the door leaf edges, and not less than 80 mm between apertures.

Over panels:

One piece over panels not greater than the width of door leaf/ leaves are permitted in all configurations with a separating transom. A rebated or square interface between door leaf and over panel is also permitted without transom. Maximum allowed heights are:

- Single leaves: 2000 mm.
- Double leaves: 1500 mm.

Lipping:

All doors will be supplied with hardwood lippings, concealed or exposed and square, rounded or rebated. Doors will normally be supplied with lippings to both vertical and horizontal edges.

Ironmongery:

An extensive range of ironmongery is permitted for use with Fields DuraCore doorset. Concealed cableways to facilitate electro-magnetic closing/ latching mechanisms and acoustic seals are also permitted within the scope of the fire assessment.

Product specification

Manufacturer

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Product reference Fields DuraCore Doorset FD30 - 44 mm thickness.
Fields DuraCore Doorset FD60 - 54 mm thickness.
Fields DuraCore Doorset non-fire rated

Size

Glazing

Type

Size [_____]

Shape [_____]

Type [_____]

Size [_____]

Shape [_____]

Facing Hygienilac PVC - Antibacterial facing.
Laminate - Exposed, concealed or postformed over door edges.
PVC - Exposed, concealed or postformed over door edges.
Wood veneer - Book, slip or random matched and laid either vertically or horizontally.

Frame/ architrave Hardwood
MDF
Softwood
Steel

Finish Clear lacquer
Factory painted
Final finish - Can be matt or high gloss as required.
Primed for onsite painting
Stain
Tinted lacquer

Ironmongery [_____]