

FORZA DOORS

(FSPEC04) Specification Forza First FD120(S) Timber Internal Flush Doors

MANUFACTURER

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DOOR REFERENCE & TYPE

A (single leaf).

DOOR LEAF CORE

38mm Three layer wood particleboard produced by Continuous Press System plus 2 x 10mm sub facings of non-combustible board plus 2 x 3mm outer facings of MDF.
Average bulk density 630kgs/m³, weight 60mm ; Nom 48kgs/m².

LIPPINGS

Concealed / exposed near match timber hardwood lipping (640kg/m³) to two vertical edges only before / after applying face finish.
Standard 3mm finished square.

DOOR LEAF FACE FINISH

Wood veneer specie, ref....., To match approved sample ref.....

Veneer cut : Crown cut / Quarter cut / Rift cut / Other

Veneer layon matching: Book match / Random match / Slip match / quarter match / other

Veneer grain direction: Vertical / Horizontal / other

Sequential match of veneer feature of adjacent doors , ref..... Floor plan drawing.

High Pressure Laminate (HPL)

Laminate to conform to EN 438 & ISO 4586, Laminate manufacturer, ref, colour

High impact PVC

Manufacturer, ref....., colour

FINISH AS DELIVERED

Wood veneer: Two coats high solid ultra violet (uv) cured lacquer, clear, 30% gloss, other.

Stained.....colour and finished with two coats high solid u/v clear lacquer, 30% gloss.

Limed wash and finished with one coat high solid u/v clear lacquer, 30% gloss.

Timber Lipping: Unfinished for finishing by others / Two coats of high-solid acid-catalyst lacquer.

For finishing by others:

Forza primed coat (FPC) for painting by others.

GLAZING

Steel Bead profile / Glass: Cloak/ 5mm Firelite see drawing ref. FZD0483.

Size and position of aperture(s): standard configuration (V11, V12, V14, V16 – see drawing ref.FZD0486).

DOOR FRAME

Timber hardwood 640kg/m³ .Min dim 90mm x 44mm to comply with performance and appearance required.

Profile: integral stop / applied stop .Min dim 30mm x 18mm . see drawing ref. FZD0480.

TIMBER FRAME FINISH AS DELIVERED

To compliment veneered door(s)

Two coats of high-solid acid-catalyst lacquer, clear/tinted, 20% gloss / other

Stained.....colour and finished with two coats high-solid acid-catalysed lacquer.

For finishing by others:

Primed one / two coats for paint finishing by others.

IRONMONGERY & PREPARATION

R120 butt hinge. ref HIS-BSS-102 (brushed stainless steel) min 1&1/2 pair

R120 overhead power closer. ref CLR-BSS-103 / Mortise lock / latch R120 sash lock BOM-LCK -103.

Doors to be factory pre-machined for locks, hinges and other ironmongery.

PERIMETER SEALS

Factory fitted to leaf(s)/ frame, pvc cased intumescent/smoke/acoustic seals to manufacturers choice to meet fire & smoke control and sound insulation as specified in applicable test report or assessment. (Combined seals permitted).

Intumescent size: timber frame head/jambs 2 no. 20 x 4mm H120 (5mm either side of the centre line).

Leaf head 1no. 30 x 2mm H120seal fitted centrally in the leaf edge / vertical edge 1no. 30 x 2mm H120seal fitted centrally under the vertical edge lipping.

Bottom edge of leaf 1no. 30 x 2mm H120 seal set centrally in the leaf edge.

FIRE RESISTANCE RATING

FD120: 120 minutes to BS 476: Part 22:1987

FD120S: 120 minutes to BS 476: Part 22:1987 & cold smoke control to BS 476 Part 31. section 31.1.

SOUND INSULATION

Not Required / Required

Weighted Sound Reduction Index (Rw) 38dBw single leaf unglazed

Weighted Sound Reduction Index (Rw) 37dBw double leaves unglazed

Rating according to BS EN ISO 717 from tests and measurements conducted

In accordance with BS EN ISO 10140-2:2010.

MECHANICAL PERFORMANCE

Operational & Durability test to DD171, EN 1191, EN 1192, EN 947, EN 949 & EN 950

MOISTURE CONTENT ON DELIVERY

Comply with BS EN 942 :2007 service climate 12-21°C / above 21°C (door 8+/- 2 %) 12

SITE CONDITIONS

Conditions for storage, handling, stacking and covering during installation to comply with manufacturer's instructions.

Post installation temperature to be in region 12°C to 21°C and relative humidity range 40% to 60%.

INSTALLATION

Fix door(s) and timber frame in accordance with manufacturer's Installation guide and BS 8214:2008 (Code of practice for fire door assemblies).

FORZA FIRST SPECIFICATION DOCUMENTS

FSPEC01 SPECIFICATION FORZA FIRST FD30(S) TIMBER INTERNAL FLUSH DOORS

FSPEC02 SPECIFICATION FORZA FIRST FD60(S) TIMBER INTERNAL FLUSH DOORS

FSPEC03 SPECIFICATION FORZA FIRST FD90(S) TIMBER INTERNAL FLUSH DOOR ASSEMBLY

FSPEC03CW SPECIFICATION FORZA FIRST FD90(S) MINERAL CORE FLUSH DOOR ASSEMBLY

FSPEC04 SPECIFICATION FORZA FIRST FD120(S) TIMBER INTERNAL FLUSH DOOR ASSEMBLY

FSPEC04CW SPECIFICATION FORZA FIRST FD120(S) MINERAL CORE INTERNAL FLUSHDOOR ASSEMBLY

FSPEC05 SPECIFICATION FORZA FIRST NON FIRE TIMBER INTERNAL FLUSH DOORS

FSPEC06 SPECIFICATION FORZA CLASS 1/ CLASS 0 TIMBER VENEER WALL LINING PANELS

FSPEC07 SPECIFICATION FORZA FIRST FD30 TIMBER FRAME INTERNAL SCREEN

FSPEC08 SPECIFICATION FORZA FIRST FD60 TIMBER FRAME INTERNAL SCREEN