

## DFT1044P

# FD90 (FCH)

Diagram illustrating the fire door assembly components:

- Frame intumescent in head and jamb
- Door intumescent in head and stiles
- 50x2mm central intumescent Halspan R90 seal

- Mortice & Tenon Open Joint

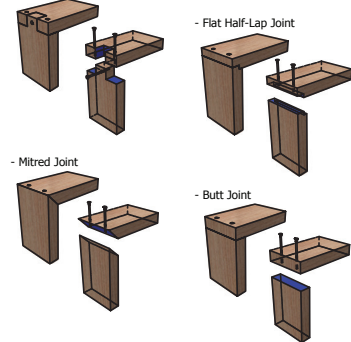


Figure 1: Schematic diagram of the pull face of the Active Leaf and In-active Leaf. The diagram shows a cross-section of a composite material with a central pull face. The Active Leaf on the left has a height of 40 and a width of 15x6mm. The In-active Leaf on the right has a height of 31 and a width of 25x6mm. The pull face is 8 units wide. The total height of the assembly is 9 units.

Technical drawing of a wall assembly cross-section. The drawing includes the following dimensions and specifications:

- MAX 4mm lipping**: Indicated at the top left corner.
- 45**: Dimension for the top horizontal section.
- 18**: Dimension for the top vertical section.
- 64**: Total height dimension on the left.
- 40**: Vertical dimension for the upper part of the main wall section.
- 25X6mm**: Dimension for a small rectangular component.
- 15X6mm**: Dimension for another small rectangular component.
- 3**: Small vertical dimension below the 15X6mm component.
- 104**: Total width dimension at the bottom left.
- 31**: Vertical dimension for the lower part of the main wall section.
- 40mm Pin**: Dimension for a vertical pin or fastener.
- 18**: Dimension for the bottom left section.
- 44**: Dimension for the bottom right section.
- 40 MIN**: Dimension for the width of the mineral wool insulation.
- Intumescent mastic tested to 90 mins - 20mm deep minimum with tightly packed mineral wool between**: Specification for the mastic and insulation.
- Steel Fixings no greater than 600mm ctrs on head**: Specification for the steel fixings.
- Packers should be used at**: Instruction for the use of spacers.

Transom to be side fixed through Stiles



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TITLE	4-Part Timber Doorframe
CODE	DFT1044P FD90 (FCH)
SHEET	1 of 1
DATE	15/02/2024
ISSUE	6
DWG No.	FZD0478

DOOR	FCH90
LINER	Solid Timber minimum density 640kg/m <sup>3</sup>
STOP/ARCHITRAVE	Solid Timber
FINISH	Precatalyst Lacquer
LIPPING	Solid Timber - Finish max. 4mm edge lippings
SEALS	25x6mm, 15x6mm, 50x2mm, ST1009