Pressed Metal Frames



Performance

Fire Tested & Certified
Spence Doors' pressed metal frames are tested and certified with a wide range of fire door configurations. Project needs are addressed irrespective of setup (single door or pair door), setting (indoor or outdoor), and rating (1 or 2 hour).

A Metal for Every Purpose
Frame range includes Zincanneal, Stainless Steel, and Galvanised Steel. Each serves a distinct purpose suited to particular projects and settings.

Prepared
No on-site frame assembly as header/stiles are welded in Spence Door's factory. No on-site cutting as hinge + hardware cutouts are prepared according to specified hardware models and positions.

Sizing

Door Height:
2100mm - 3000mm

Door Width:
720mm - 1500mm

Wall Thickness:
112mm - 120mm

Material Options

Zincanneal

Only suitable for internal application.



Stainless Steel

Suited for internal & external application. Hosts smooth surface finish; available in 304 and 316 grades.



Galvanised Steel

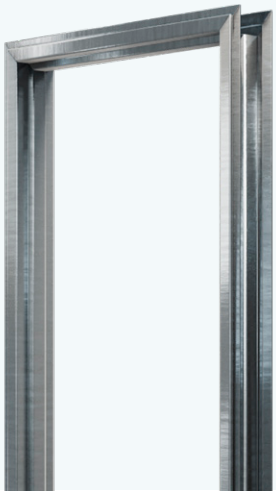
Suited for internal & external application.



Variants

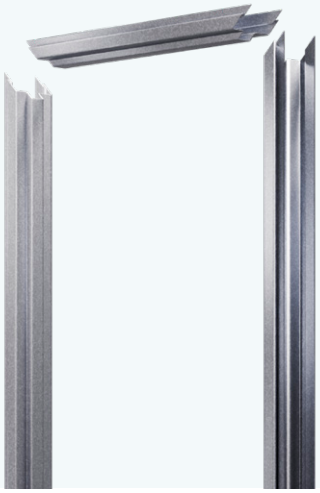
Welded

Pre-assembled with all sections welded & ready for installation.



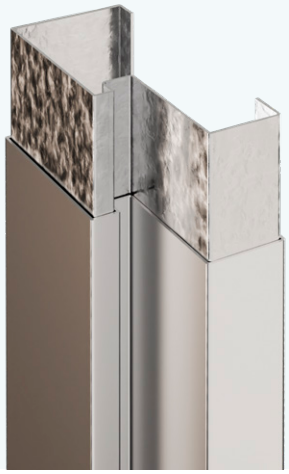
Knock-Down

Supplied as flat-pack for low-risk & space-efficient transit. Prepared with hinge cutouts ready.



Radiation

Features lead lining to resist passage of X-rays and Gamma rays.



Rating

Fire-Rated:
Up to 2 Hours when backfilled.

Acoustic Rated:
Rw 47 for single door, Rw 42 for pair door, Rw 50 for interconnecting door.
Requires backfilling.

Additional Protections

Etch Priming:
A paint sealant to the frame's surface for external applications.
After the frame is cut and folded, its edges are exposed to moisture.

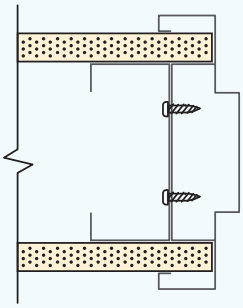
Extras

Backfilling Service
The frame of all fire-rated doors must be solid throughtout; for Pressed Metal Frames this requires backfilling with mortar or other certified filler. This can be completed by the Spence Doors team during frame manufacture.

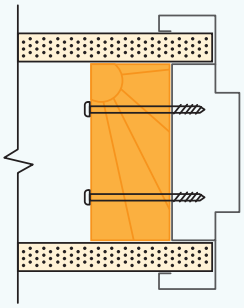
Transom & Mullion
Removable horizontal and vertical substrate separating a door from an adjoining panel. These framing components permit extension of a door set to extend its overall height (with an overlight or service space) or width (with an additional door leaf or sidelight).

Installation Methods

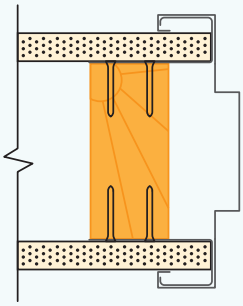
Metal Stud Bracket



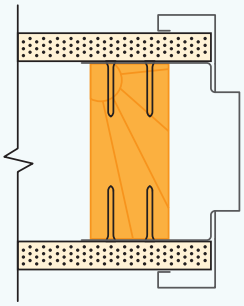
Timber Stud Bracket



Stud Clip Fixing

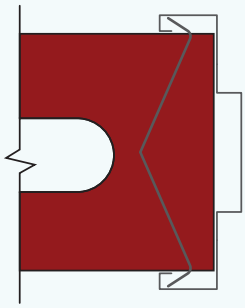


Welded Stud Tags

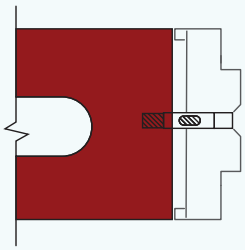


Installation Methods

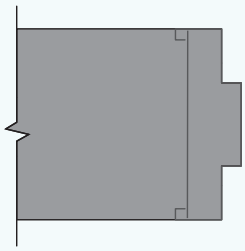
Wire Ties



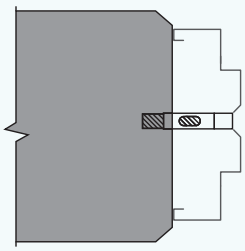
Dyna-Bolt Tube Fixing



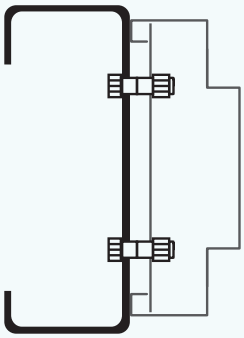
Strap for Precast Walls



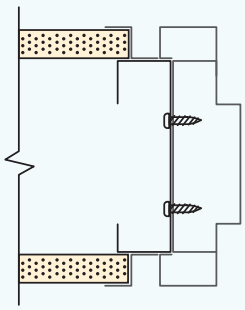
Dyna-Bolt (holes only) for Precast Walls



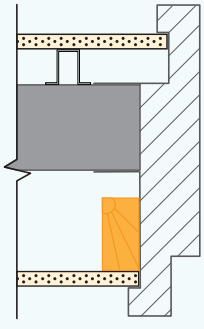
Strap for Structural Beam



Shadowline

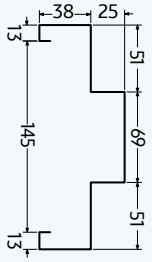


Fixing to Hebel Wall

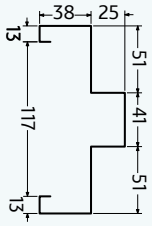


Fire-Rated Profiles

SDF 145



SDF 117



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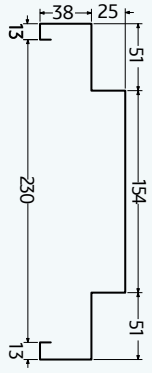

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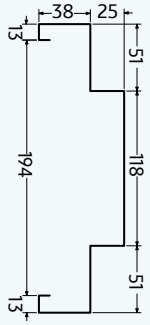

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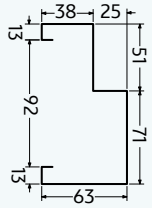
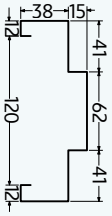
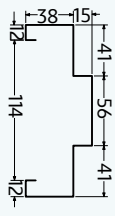


Non-Rated Profiles

SD120

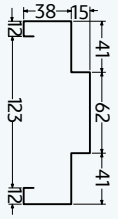


SD 114

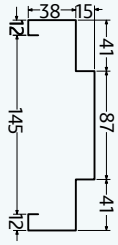


Non-Rated Profiles

SD 123



SD 145



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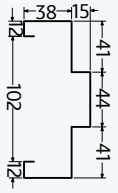

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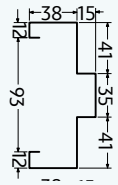

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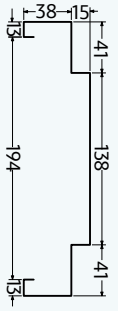

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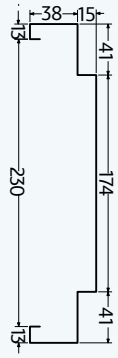
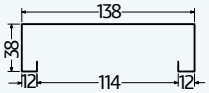


SD 114/SL



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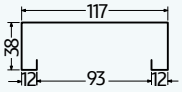

Listed profiles are the standard range however all profiles (fire-rated and non-rated) are made custom and so can be produced to specification.