FITTING INSTRUCTIONS

READYFIT ADVANCE FD60

54mm INTERNAL DOORSET – FEA/F96103 REVS – PART 1

FIRE / DOORSET

DUTY OF CARE

Fire doors and doorsets will not perform as designed, tested and certified if they are installed incorrectly. Incorrect installation can have serious consequences to building safety and the protection of those that occupy it. If you are the named accountable person of a building or legally responsible for the correct installation of fire doors, you can be prosecuted if they are not fitted according to Building Regulations and the manufacturer's instructions. Additionally, product certification, warranties and building insurances may be invalidated.

As such JELD-WEN recommends that installation of fire doorsets are conducted by a competent person who is certified by a third party assured installation scheme such as BM Trada or Firas.

INSPECTION AUTHORITIES MAY REQUIRE EVIDENCE THAT THE INSTALLED DOOR COMPLIES WITH THE TESTED SPECIFICATION INCLUDING:

- Correct fitment of intumescent seals, smoke seals and gaskets to perimeter door/frame and hardware.
- Quality of the supporting structure/opening, dimensions and fixing points.
- Fixing methods and quantity of fixing methods into the supporting structure/opening.
- Fire stopping methods between the door frame and supporting structure/opening.

Important note: All JELD-WEN's Q-Mark doorsets are supplied ready hung in the door frame, with the relevant BM Trada Q-Mark plug and tree fitted within the door leaf hinge edge.

DELIVERY AND STORAGE

JELD-WEN internal doorsets should arrive on site shortly before planned installations. This will avoid unnecessary damage through handling and general site conditions.

Products should be thoroughly checked when delivered to ensure no damage has occurred during transportation and that the quantity, sizes and specification match those ordered using the manufacturing and identification labels present on every doorset. This label will also reference the unique doorset code which will correspond to the doorset schedule of any given project. Any damages and shortages must be reported within 48 hours of delivery.

Doors should be stored flat on a level surface that allows good air circulation around the doors. Store in a cool dry place, protected from dirt, excessive moisture and direct sunlight. If bearers are being used, ensure a minimum of 3 are used to support the door equally along its length and thickness to avoid distortion. Product must not be stored outside or in buildings where wet trades are taking place.

It is recommended the installation should not take place before first fix wet trades have been completed and the building has a stable relative humidity of 40–60%.

- Below 40% can result in shrinkage, bowing and warping.
- Above 60% and timber will begin to absorb moisture resulting in expansion and swelling.
- Above 75% is not suitable for any joinery product.

If subjected to these conditions the door may suffer cosmetic damages or may no longer operate as intended resulting in remedial work.

PRE-INSTALLATION

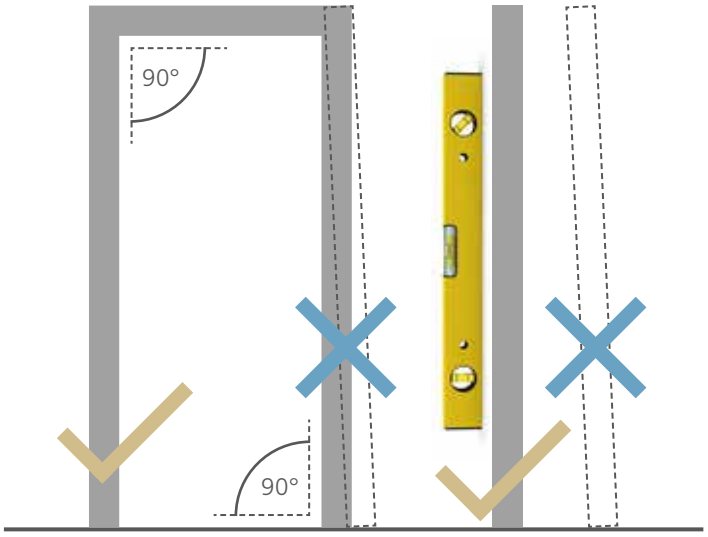
Doors opening sizes (width/height), wall depth and tolerances must be planned and available before doors are ordered and manufactured.

It is the responsibility of the specifier to ensure the supporting structure has the correct fire rating and is capable of supporting the intended door weight.

The installer should ensure the structural opening is square and plumb with tolerances +5/-0mm at each jamb and +7/-0mm at the head.

Ensure the floor surface is level with no high spots.

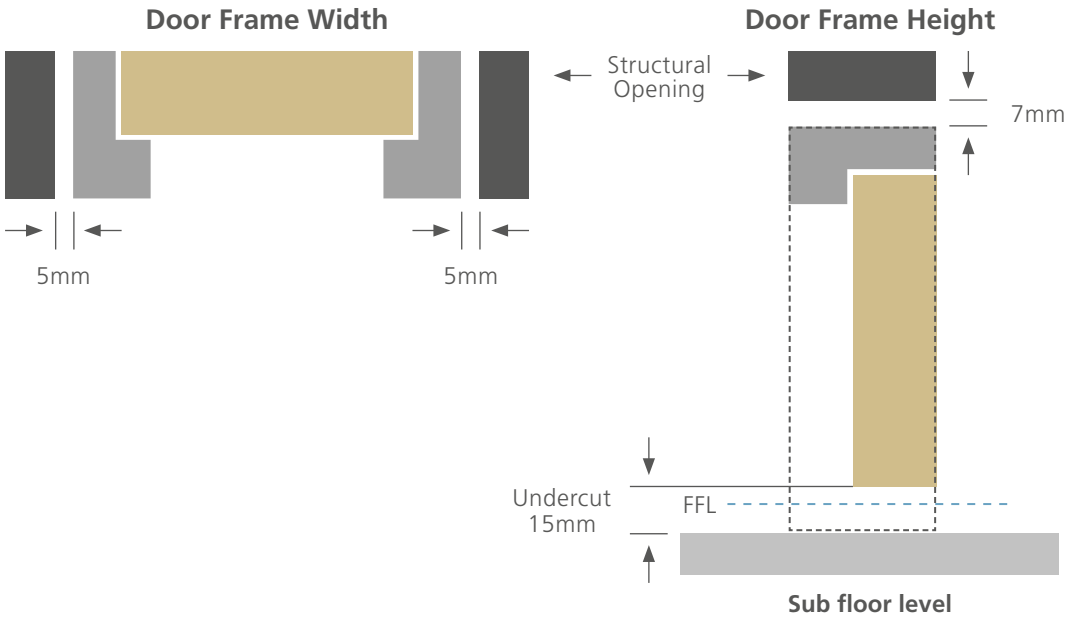
Plumb and Square



FIRE DOOR FRAME SIZE AND FITTING MARGINS

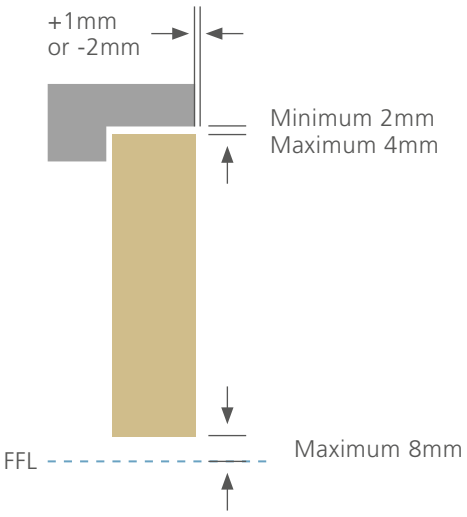
Overall door frame dimensions should be 10mm less than the total width of the structural opening and 7mm less than the total height of the structural opening. This allows for the jambs to be packed up slightly in the event of an uneven floor surface or to avoid high spots of floor coverings.

JELD-WEN doorsets have a standard 15mm undercut to allow for the finished floor level (FFL) to be built up.



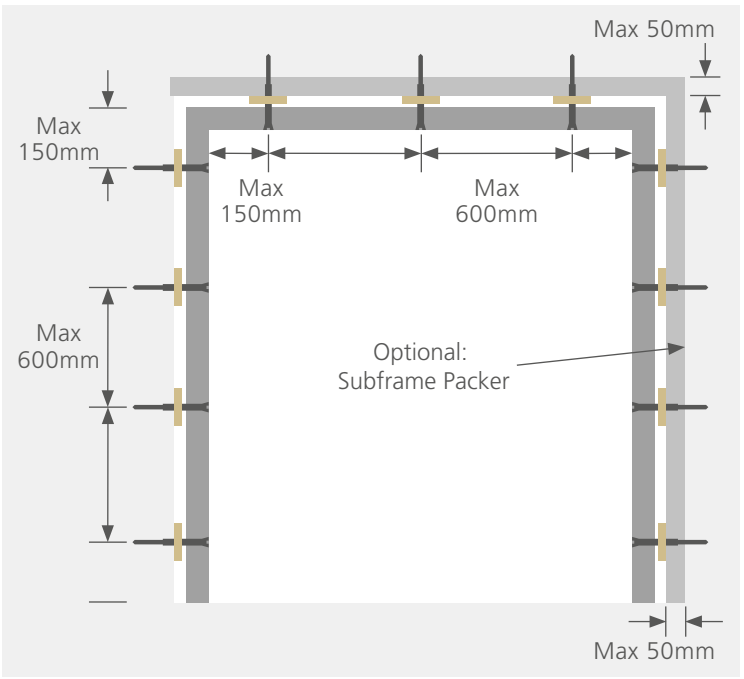
FIRE DOOR TO FRAME MARGINS

- Gaps between door leaf and frame should be set at 3mm ±1mm.
- Factory produced doorsets use 3mm gauges to set perimeter gaps. These are left in the assembly to assist with safe transportation of the doorset.
- Door leaves may be proud of the frame by up to 1mm or set back up to 2mm.
- Threshold Gaps: Maximum 8mm between the bottom of the leaf and finished floor height (FFL). See Smoke Control section for guidance.
- Lippings may be reduced by 1mm for fitting purposes provided the door gaps limits and intumescent maintained. Otherwise, no modification can be made.



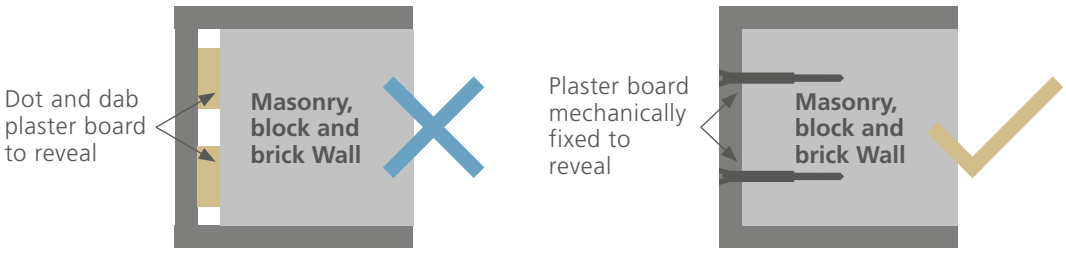
FIXING THE FIRE DOOR FRAME

- For single leaf doorsets without fanlights or sidepanels use steel fixings at 600mm maximum centres and max 150mm from the corners.
- There must be a minimum of 4 fixings per jamb.
- For single leaf doorsets It is not necessary to fix the frame head
- For double leaf doorsets the head of the frame should be fixed using steel fixings at max 600mm centres and max 150mm from the corners.
- If extension liners are used these must be fixed to the supporting structure as detailed above.
- Ensure fixing points are pilot drilled and counter bored to prevent the timber from splitting.
- Ensure fixing holes are filled and made good or covered with the plant on door stops.
- Subframe Packer - Constructional opening may be reduced in size (height and or width) by lining with a, timber based or non combustible, subframe which must be continuous in length and a maximum of 50mm thick and equal in width to the frame depth and bedded on a continuous bead of intumescent mastic.



SUPPORTING CONSTRUCTION

Where brick, block, masonry walls are plasterboarded to the wall reveal the plasterboard shall be mechanically fixed to ensure it remains in-situ for the required integrity period.



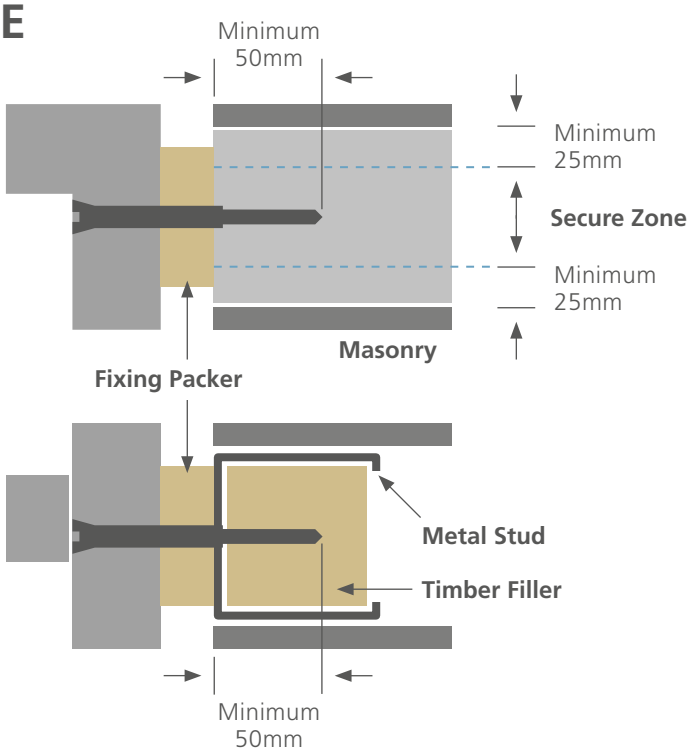
When metal stud partitions are used ensure the metal stud is packed with a timber filler to enable secure frame fixing



FIXING THE FIRE DOOR FRAME

The supporting construction must allow for secure fixing of the door frame.

- Fixings must penetrate the supporting construction by a minimum of 50mm.
- When fixing into metal stud partitions ensure a full length of timber filler is fitting in the stud.
- When fixing into masonry ensure a minimum clearance of 25mm from the edge of the block is maintained to avoid blow out (excluding plasterboard thickness).
- Where possible fixing should be central to the frame depth to prevent frame twist.
- Planted stops can be used to hide fixings.
- Use packers behind the frame and align close to the fixing point. Ensure the frame is pulled tight to the packer and supporting construction.
- Check to ensure the frame remains true. Adjust packers as appropriate.



INSTALLATION

Only install doorsets when site conditions are suitable and relative humidity is 40-60%. Incorrect site conditions could affect the operation of the doorset after installation due to the following reasons:

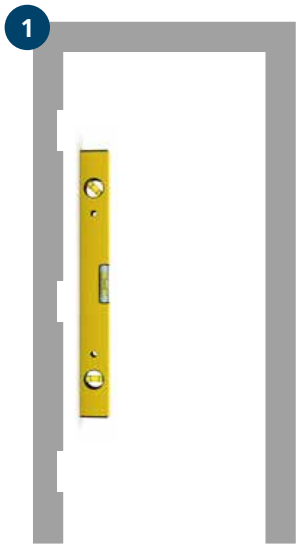
- Expansion of the door/frame due to excessive moisture.
- Movement of supporting construction.
- Shrinkage due to forced drying.

The doorset frame must be installed directly onto the subfloor and not the floor covering. No gaps are permitted to the underside of the frame. If jambs have been up packed to square the assembly, ensure 30min or 60min intumescent mastic seals the gaps.

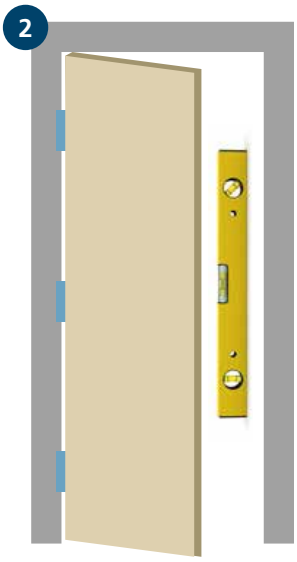
PACKING

- Pack between frame and supporting structure immediately above or behind fixing positions.
- When each fixing is made check and ensure the frame remains plumb and square. When fitting pre hung door sets the door edge can be used as a guide.
- Timber packing materials should be equal to the frame density or higher. Hardwood = 640Kg/m^3. Plywood and MDF may be used
- Plastic packers may be used if fire tested for this application to BS476:22 or BSEN1634-1
- When using PU foams follow the manufacturers' packing guidance.
- Packers should not be left exposed when architraves are not applied.
- Where packers are exposed regardless of material they should be cut back at least 5mm and capped with intumescent mastic tested to BS476:22 or BSEN1634-1

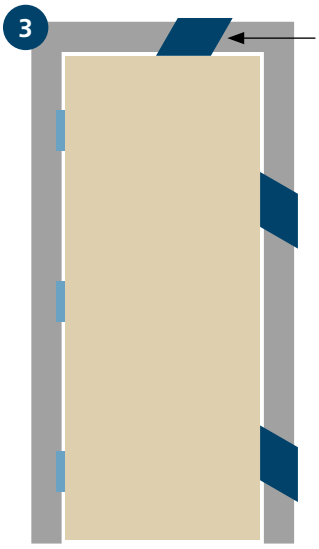
3 STEP GUIDE TO HANGING A DOOR



Fix the hanging jamb and ensure it is plumb and square.



Hang the door and plum the closing jamb and head to the door perimeter before fixing.



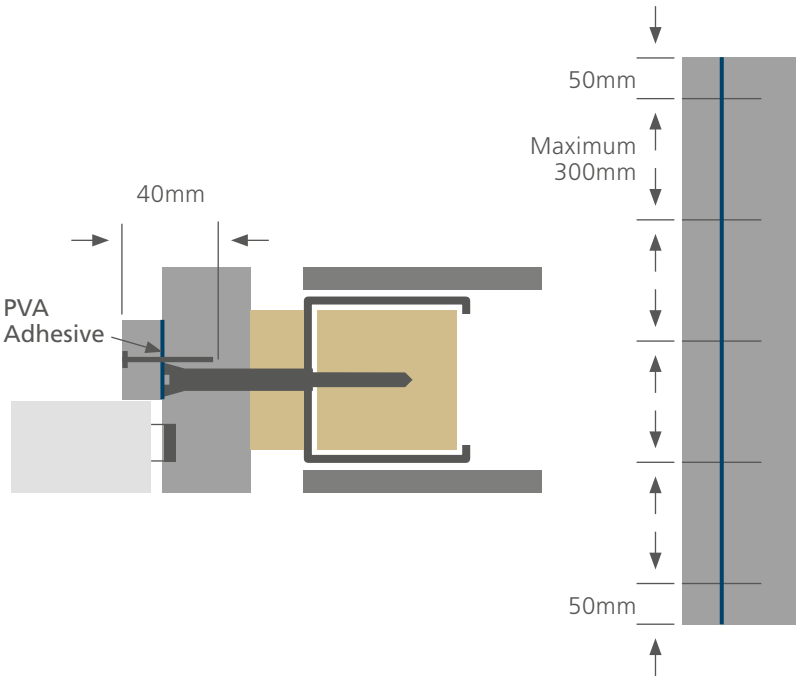
Gaps
Min = 2mm
Max = 4mm

Door leaf should not be proud of the door frame by more than 1mm.

Check perimeter gaps and ensure the door operates smoothly.

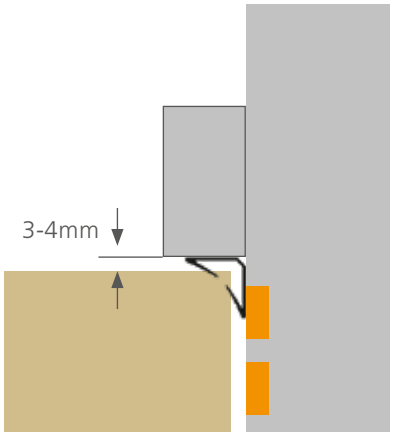
PLANTED STOPS

- Door frame stops are supplied loose. Fixing locations can be concealed using the stops.
- It is recommended stops are fitted last, once the frame and fire stopping has been checked and the operation of the door is verified.
- Fix stops with PVA adhesive and mechanically fix with 40mm length pins 50mm from the top and bottom of the length and max 300mm centres.
- The door stop should be tight to the push face of the door. This will ensure there are no gaps and that smoke or acoustic seals perform as intended.
- If batwing seals are used for smoke and acoustic performance, ensure there is a 3-4mm gap between door stop and push face of the leaf.

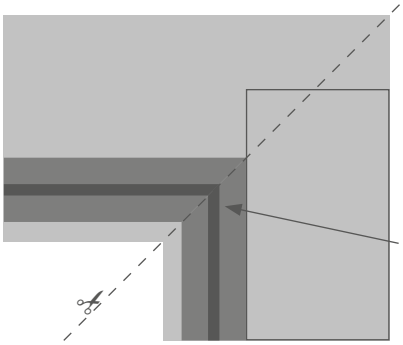


BATWING SEAL FITMENT

- Smoke and acoustic doorsets will be supplied with batwing seals loose and drop-down seals fitted.
- If frames are supplied with loose stops allow 3-4mm gap between the door stop and push face of the leaf. For doorsets with rebated frames the gaps will be pre-defined.
- Batwing seals are to be fixed to the stop and frame.
- Its recommended to decorate the frame before fixing the batwing seal. Batwing seals MUST NOT be painted over.
- It's recommended to fit any threshold plates before fitting the batwing seal.
- Measure the distance between jambs at the head. Cut a batwing seal to that measurement and mitre the corners at 45 degrees.
- Measure the distance of each jamb. Cut the jamb batwings to those measurements and mitre the corner that meets the head.
- Remove the backing tape from the batwing seals and carefully fix them to the stop and frame. The backing tape is very high tack so take care.
- Once fitted ensure the door latches smoothly.
- Adjust the drop seal so it compresses the floor (see adjusting drop seal section)



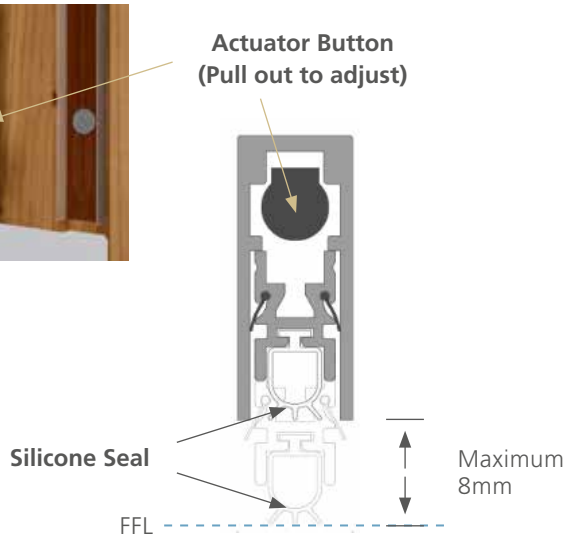




ADJUSTING DROP SEALS

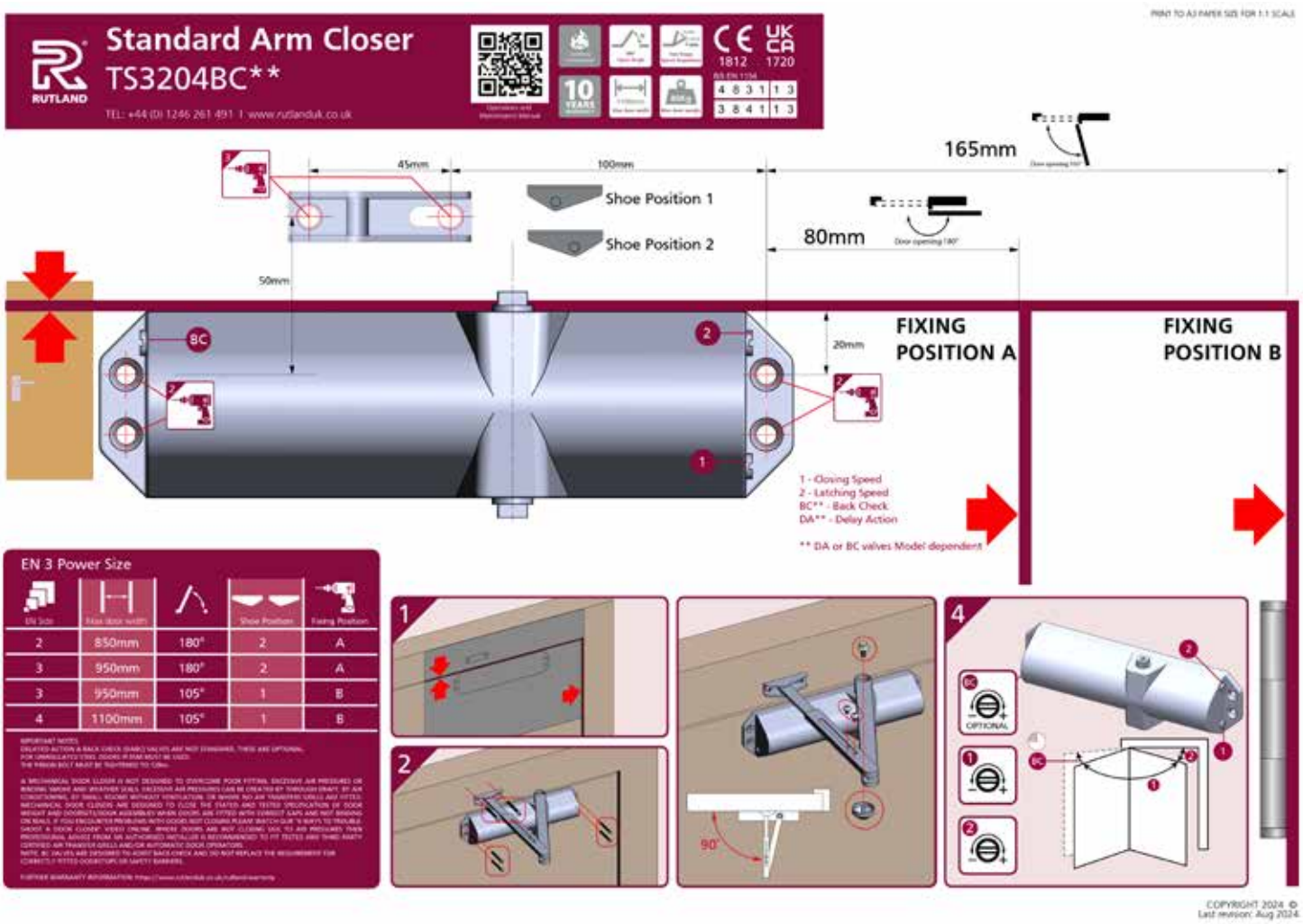
- Doors supplied with drop seals fitted will not have been adjusted to the finished floor surface.
- Adjust accordingly by pulling out the actuator button clear from the housing.
- Firmly holding the threaded rod, turn the actuator button clockwise to reduce movement and anticlockwise to increase seal movement.
- For optimum results, the seal should be adjusted so the silicone gasket touches the FFL in the final closing moment of the door.
- Ensure the installation of the product does not impede the opening or closing of the door.
- It is recommended to check the adjustment of the door seal periodically to ensure the door closes and latches properly.





DOOR CLOSERS – ESSENTIAL TO OVERALL PERFORMANCE AND COMPLIANCE OF THE DOORSET

- Door closers will be supplied loose with the doorsets as the door cannot be shipped with these items fitted.
- Door closers should always be fitted in strict accordance with the manufacturer's instructions and using the fitting template provided with the closer (e.g. Rutland instruction shown).
- The door closer arm should only be fixed to the frame, and not on to the architrave (where fitted) as this will affect correct and safe operation.
- If architrave is to be fitted then this should be notched around the closer arm connection back to frame.
- Closing speeds to be adjusted accordingly, inline to manufacturer's guidance to ensure correct operation.
- Concealed closers will be factory fitted with the linking arm disconnected to aid installation. Ensure the linking arms is connected.



EN Size	Max door width		Shoe Position	Fixing Position
2	850mm	180°	2	A
3	950mm	180°	2	A
3	950mm	105°	1	B
4	1100mm	105°	1	B

FIRE STOPPING BETWEEN FRAME AND STRUCTURAL OPENING

Fire stopping products between the frame and structural opening must be tested to one of the following standards.
The test duration must be equal to or greater than the specified integrity period of the fire doorset.

INTUMESCENT MASTIC

Test evidence between any material. Length of tested seal must be at least 1mtr, but this does not restrict the total length of a fire door.

- EN1366-4
- EN 1634-1
- BS476 part 20
- BS476 part 22

EXPANDING FOAM

Not recommended due to installation variability and complexity of tested scope understanding.

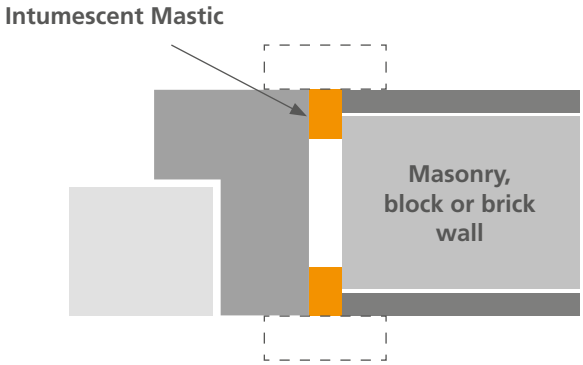
- EN1366-4
- EN 1634-1
- BS476 part 20
- BS476 part 22

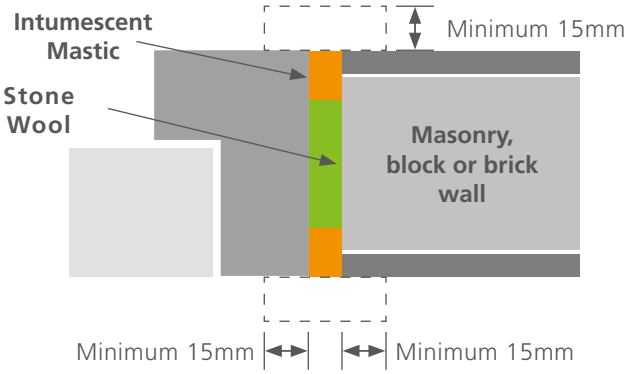
MINERAL/CERAMIC FIBRE

- Euroclass A1 or A2 to EN13501-1 and heat resistant to 1000°C

For specific details of supporting construction types, fire resistance durations of 60 minutes and frame to supporting structure gaps BS8214:2026 Tables 5 & 6 can be referred to (General guidance using stone wool and mastic) BS8214 can be purchased at bsigroup.com. When using PU expanding foams follow the manufactures' installation instructions included the allowable use of packers and wall types. The following details are considered acceptable fire stopping details.

SEALING TO STRUCTURAL OPENING – UNLIKELY to exhibit significant distortion during a fire





Gaps up to 10 wide

- Intumescent mastic tested to BS476:22 or BSEN1634-1 applied to fill the gap to a minimum depth of 10mm each side.
- If the evidence for the fire stopping used architraves, they must be fitted as tested.

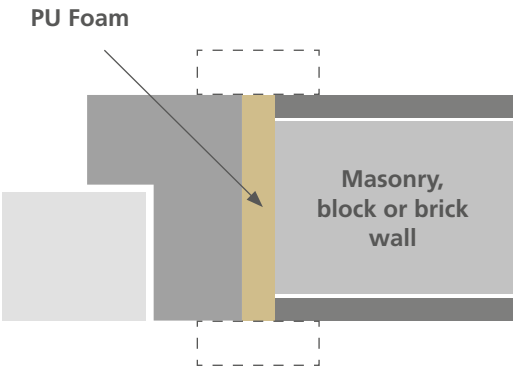
NOTE: Architraves may be fitted to both faces.

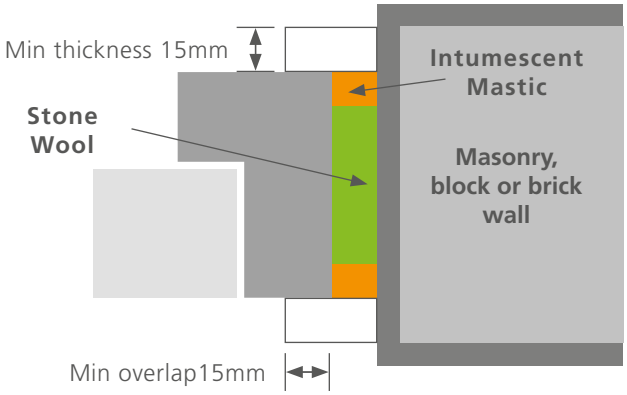
Gaps up to 20mm wide

- Stone wool tightly packed to the depth of frame.
- Intumescent mastic tested to BS476:22 or BSEN1634-1 applied to fill the gap to a minimum depth of 10mm each side.

NOTE: Architraves may be fitted to both faces.

SEALING TO STRUCTURAL OPENING – UNLIKELY to exhibit significant distortion during a fire





Gaps up to 20mm wide

- PU foam to the full depth of frame tested to BS476:22 or BS EN1634-1
- Use packers as defined by the PU foam manufactures instructions.
- If the evidence for the fire stopping used architraves, they must be fitted as tested.
- Colour is fire foams may vary.
- Architrave optional.

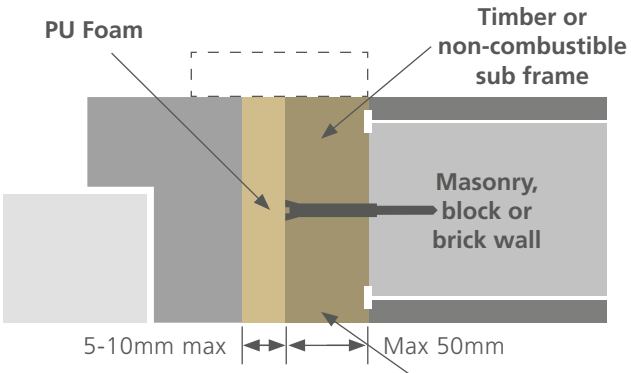
Gaps 5mm to 15mm wide

- Stone wool tightly packed to the depth of frame.
- Intumescent mastic tested to BS476:22 or BSEN1634-1 applied to fill the gap to a minimum depth of 10mm each side.
- Architraves mandatory.
- Minimum 15mm thick constructed of softwood, hardwood or MDF overlapping the frame by 15mm.

SEALING TO STRUCTURAL OPENING – UNLIKELY to exhibit significant distortion during a fire

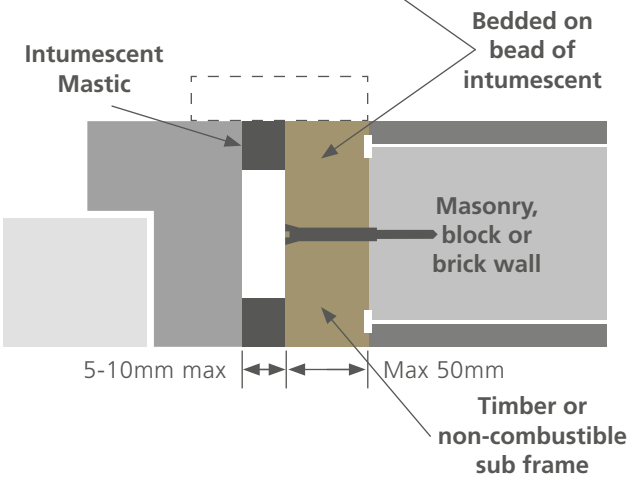
Gaps over 20mm wide

- PU foam to the full depth of frame tested to BS476:22 or BS EN1634-1
- Use packers as defined by the PU foam manufactures instructions.
- Architraves optional.
- Colour is fire foams may vary.



Gaps over 20mm wide

- Architraves option filled on both sides with 10mm depth acrylic intumescent mastic tested to BS476:22 or BE EN1634-1
- Architraves optional.

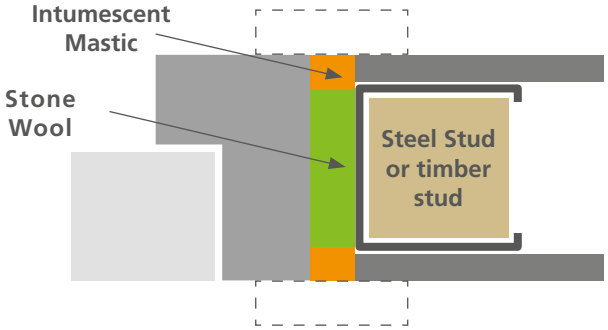


SEALING TO STRUCTURAL OPENING – LIKELY to exhibit significant distortion during a fire

Gaps 5mm to 10mm wide

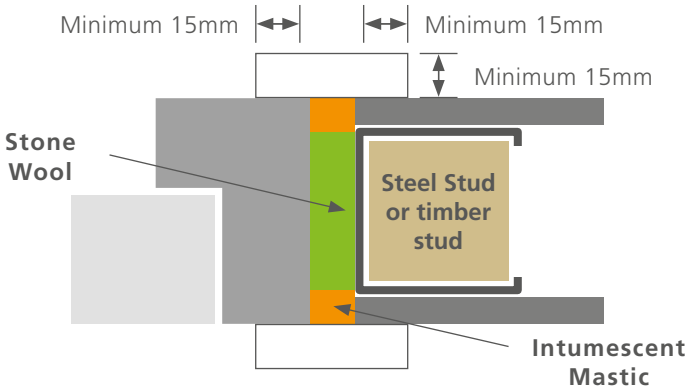
- Stone wool tightly packed to the depth of frame.
- Intumescent mastic tested to BS476:22 or BSEN1634-1 applied to fill the gap to a minimum depth of 10mm each side.

NOTE: Architraves optional.



Gaps 5mm to 20mm wide

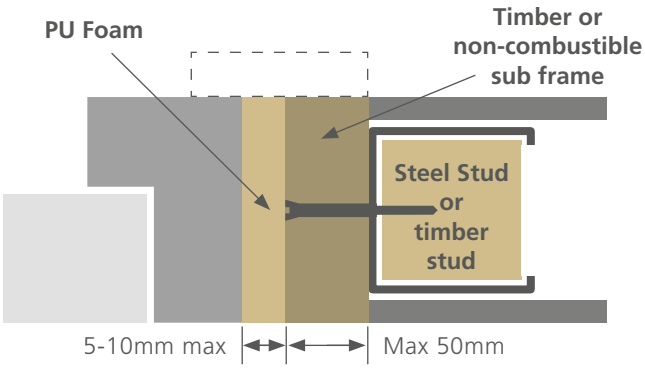
- Stone wool tightly packed to the depth of frame.
- Intumescent mastic tested to BS476:22 or BSEN1634-1 applied to fill the gap to a minimum depth of 10mm each side.
- Architraves mandatory
- Minimum 15mm thick constructed of softwood, hardwood or MDF overlapping the frame and wall by 15mm.



SEALING TO STRUCTURAL OPENING – LIKELY to exhibit significant distortion during a fire

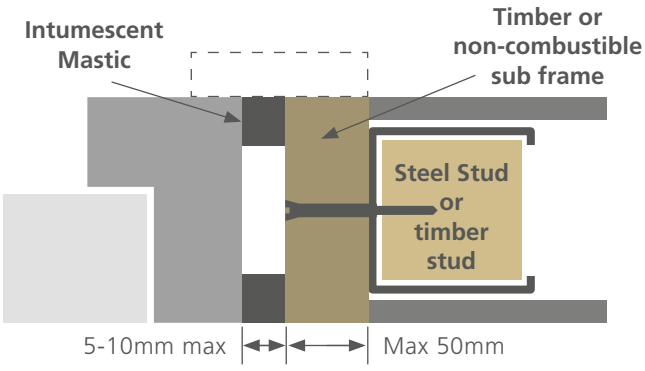
Gaps over 20mm wide

- PU foam to the full depth of frame tested to BS476:22 or BS EN1634-1
- Use packers as defined by the PU foam manufactures instructions.
- Architraves optional
- Colour is fire foams may vary



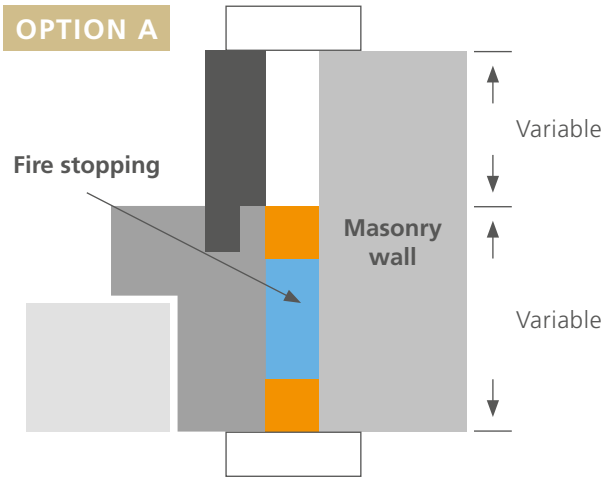
Gaps over 20mm wide

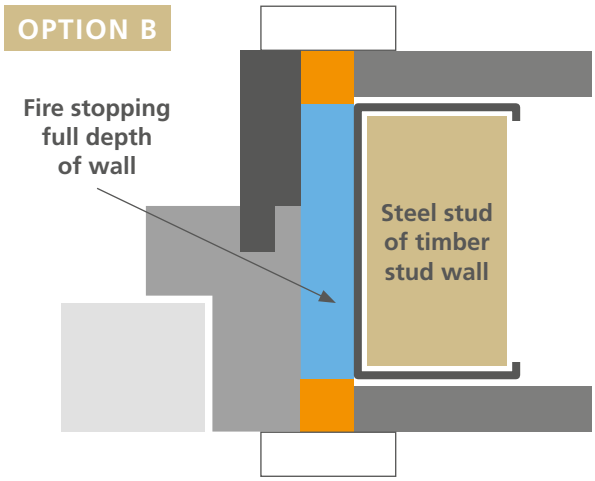
- Architraves option filled on both sides with 10mm depth acrylic intumescent mastic tested to BS476:22 or BE EN1634-1
- Architraves optional



EXTENSION LINERS

Extension liners fit into the frame grooves and can be adjusted to suit variations in the structural opening wall depths.





OPTION A should only be used if the wall aperture is suitably protected so that the effects of fire cannot affect the wall. If this is not the case, fire stopping must be to the same width and material as the frame as shown in **OPTION B**.

Q-MARK PLUG IDENTIFICATION

PLUG DEFINITIONS



OUTER PLUG COLOUR: Period of fire resistance *(integrity only)*

UNIQUE CERTIFIED COMPANY'S NUMBER

INNER TREE COLOUR: Status of manufacture of door leaf, frame and doorset

PLUG OUTER COLOURS



YELLOW OUTER

30 MINUTES
fire integrity period. Used f or either a leaf, frame or complete doorsets.



YELLOW OUTER

60 MINUTES
fire integrity period. Used f or either a leaf, frame or complete doorsets.



YELLOW OUTER

90 MINUTES
fire integrity period. Used for complete doorsets only.



YELLOW OUTER

120 MINUTES
fire integrity period. Used for complete doorsets only.

Q-MARK FIRE DOOR PLUG IDENTIFICATION AND TRACEABILITY

NUMBER





The number embossed in the centre of the inner tree for all colours is the identification number for a Q-Mark certified fire door manufacturing company or Q-Mark certified installation company.

This maintains traceability to demonstrate which company was responsible for completing each part of the doorset manufacture, assembly and installation process.

ALPHA-NUMERIC CODES ARE USED FOR ALL CERTIFIED MANUFACTURERS/INSTALLERS ABOVE CERTIFICATE 999.

1000 to 1099 = Axx	1700 to 1799 = Hxx	2400 to 2499 = Pxx
1100 to 1199 = Bxx	1800 to 1899 = Jxx	2500 to 2599 = Qxx
1200 to 1299 = Cxx	1900 to 1999 = Kxx	2600 to 2699 = Rxx
1300 to 1399 = Dxx	2000 to 2099 = Lxx	2700 to 2799 = Sxx
1400 to 1499 = Exx	2100 to 2199 = Mxx	2800 to 2899 = Txx
1500 to 1599 = Fxx	2200 to 2299 = Nxx	2900 to 2999 = Uxx
1600 to 1699 = Gxx	2300 to 2399 = Oxx	3000 to 3099 = Vxx

Q-MARK PLUG IDENTIFICATION



GREEN

Fitted within the appropriate outer plug to a door leaf (leaf manufacture only) or door frame (frame manufacture only) to identify that it is a Q-Mark approved door leaf or door frame. The leaf and frame could come from different Q-Mark certified fire door manufacturers.

The door leaf or door frame may not be in a finished state. It must be fully prepared for all the required intumescent strips around the perimeter gap, which can be either fitted or supplied loose but must be supplied. If the intumescent strips are supplied loose, they must be clearly identified to the appropriate door leaf or frame to which they will be fitted.

The door leaf or frame might not be fully prepared for all of the appropriate hardware, in which case it must be clearly specified which hardware and any required associated intumescent protection is to be finally fitted at a later date by others.

Clear instructions for the further processing and installation of the door assembly must be supplied by the Q-Mark certified fire door manufacturer relating to a specific Initial Type test or Field of Application within the fire door manufacturer's scope of certification.

GLAZING *(ALL DOORSET MATERIAL TYPES)*



ORANGE

Fitted within the appropriate outer plug to a door leaf only if glazing is in the door leaf. This plug is in addition to all other required plugs, to identify that glazing has been correctly specified and fitted to the door leaf by a Q-Mark certified fire door manufacturer as per the same Initial Type Test or Field of Application used to manufacture the door leaf.

If glazing is included within an integral sidelight or fanlight (not within the door leaf), then all components for the glazing system must be specified and supplied by the certified fire door manufacturer, but may be finally fitted on site where necessary, in which case clear installation instructions must be provided by the Q-Mark certified fire door manufacturer relating to a specific initial Type Test or Field of Application within the fire door manufacturer's scope of certification.

COMPLETE DOORSET – Q-MARK CERTIFIED FOR FIRE ONLY *(ALL DOORSET MATERIAL TYPES)*



SILVER

Fitted within the appropriate outer plug to a door leaf and/or door frame to identify that it is a Q-Mark certified (factory hung) doorset. Where fire door plugs are not able to be fitted due to the doorset materials or design, then a label that depicts these plugs can be supplied by BM TRADA if necessary. The completed leaf and frame must have been physically quality checked together as a matched pair in the factory. The leaf and frame may then be sent to site at different times providing that clear traceability is in place to join the correct leaf and frame together again on site for installation.

There will be no further preparation work carried out to either the leaf or frame before it can be fitted into the building substrate. It is permissible for hardware such as locks, hinges or door closers etc. to be finally fitted during the installation process, but the preparations to accept the hardware will have been completed by the Q-Mark certified fire door manufacturer. All items of hardware (including closers, locks, handles, hinges, letterplates etc.), along with the supply of any required intumescent protection materials, must be supplied by the Q-Mark certified fire door manufacturer and identified for the specific doorset.

Clear instructions for final assembly and installation of the doorset must be supplied by the Q-Mark certified fire door manufacturer relating to a specific Initial Type Test or Field of Application within their scope of certification.

The final assembly and installation of the doorset should be able to be completed with simple tools only, such as a screwdriver. No further preparations are allowed to be completed by the installer other than appropriate pilot holes for screws etc.

Smoke control cannot be claimed when a silver inner tree has been fitted.

COMPLETE DOORSET – Q -MARK CERTIFIED FOR FIRE AND SMOKE CONTROL *(ALL DOORSET MATERIAL TYPES)*



WHITE

Fitted within the appropriate outer plug to a door leaf and/or door frame to identify that it is a Q-Mark certified (factory hung) doorset with fire resistance and smoke control. This is only applicable where a fire resistance & smoke control. Field of Application is specifically shown on the certified manufacturer's scope of certification document for the particular manufactured doorset. Where Q-Mark plugs are not able to be fitted due to the doorset materials or design, then a label that depicts these plugs can be supplied by BM TRADA if necessary. The completed leaf and frame must have been physically quality checked together as a matched pair in the factory. The leaf and frame may then be sent to site at different times providing that clear traceability is in place to join the correct leaf and frame together again on site for installation.

There will be no further preparation work carried out to either the leaf or frame before it can be fitted into the building substrate. It is permissible for hardware such as locks, hinges or door closers etc. to be finally fitted during the installation process, but the preparations to accept the hardware will have been completed by the Q-Mark certified fire door manufacturer. All items of hardware (including closers, locks, handles, hinges, letterplates etc.), along with the supply of any required intumescent protection materials, must be supplied by the Q-Mark certified fire door manufacturer and identified for the specific doorset.

Clear instructions for final assembly and installation of the doorset must be supplied by the Q-Mark certified fire door manufacturer relating to a specific Initial Type Test or Field of Application within their scope of certification.

The final assembly and installation of the doorset should be able to be completed with simple tools only, such as a screwdriver. No further preparations are allowed to be completed by the installer other than appropriate pilot holes for screws etc.

A White inner tree must be used where the doorset is manufactured to include both fire resistance and smoke control, which must be in accordance with the specific fire resistance and smoke control Field of Application report(s) listed on the manufacturer's Q-Mark scope of certification document for that specific doorset design.

Q-MARK PLUG IDENTIFICATION

NO. OF PLUGS	TREE COLOURS	PLUG & TREE COLOURS	REQUIREMENT
FD30 FIRE INTEGRITY ONLY			
1	Silver		Complete Fire doorset / hung with Ironmongery + intumescent fitted. No glazing.
2	Silver & Orange		Complete Fire doorset / hung with Ironmongery + intumescent fitted. Plus, glazing.
FD60 FIRE INTEGRITY ONLY			
1	Silver		Complete Fire doorset / hung with Ironmongery + intumescent fitted. No Glazing.
2	Silver & Orange		Complete Fire doorset / hung with Ironmongery + intumescent fitted. Plus, glazing.

Q-MARK FIRE DOOR INSTALLER CERTIFICATION

- To demonstrate the doorset has been installed by a Q-Mark approved installer, the doorset must be fitted with the relevant fire rated plug fitted with a gold inner tree.
- Gold trees can only be fitted to a silver certified factory hung doorset.

Q-MARK PLUGGING & LABEL LOCATIONS

DOOR PLUGGING

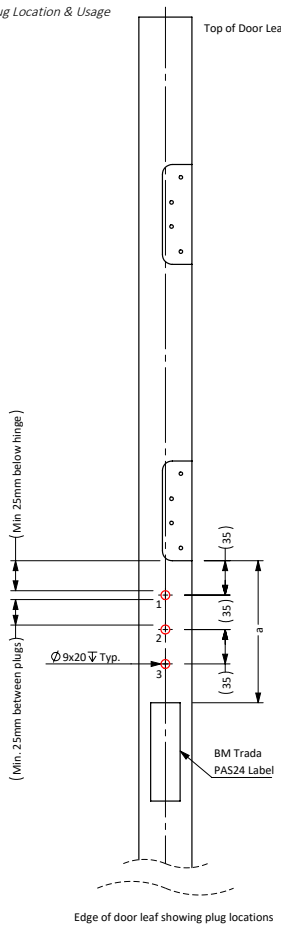
The Q-Mark plugs will be fitted in accordance with our standard detail shown to the right.

If glazing is included, 2 hole positions will be machined, and plugs 1 & 2 are fitted in the factory. Position 3 will remain for the Q-mark installers plug (installer plug must be drilled & fitted on site by the certified installer).

If no glazing, 1 hole position will be machined, and only plug 1 is fitted in the factory, and position 2 will remain for the Q-mark installers plug.

Standard Detail - Licensed Door Processor

Q-Mark Plug Location & Usage



PAS24 LABELS

For security doors only, a Q-Mark PAS24 label will also be present on the hinge edge of the door positioned below the Q-Mark plugs. Example label and position shown.



Glazing Specification	a	Outer Plug Position (Yellow FD30 / Blue FD60)	Inner Tree Colour		
			Silver*, White** or Green***	Orange****	Gold*****
Without Glazing	(105)	1	✗	–	–
		2	–	–	Installer to machine and insert
		3	Do not machine	Do not machine	Do not machine
With Glazing	(140)	1	✗	–	–
		2	–	✗	–
		3	–	–	Installer to machine and insert

Note: All of the plugs and labels permanently attached to the door must not be removed or painted over as this will invalidate any certifications or warranties.

OPERATION AND MAINTENANCE

THE REGULATORY REFORM (FIRE SAFETY) ORDER 2005

Article 17 https://www.legislation.gov.uk/uksi/2005/1541/article/17

"Where necessary in order to safeguard the safety of the relevant persons the responsible person must ensure that the premises and any facilities, equipment and devices provided in respect of the premises under this Order or, subject to paragraph (6), under any other enactment, included any enactment repealed or revoked by this Order, are subject to a suitable system of maintenance and are well maintained in an efficient state, in efficient working order and in good repair"

The Order continues to detail the requirements of the responsible person to appoint one or more competent persons to assist in undertaking the preventive and protective measures.

Periodic checks should be completed to ensure fire doorsets are functioning correctly, are not physically damaged and correct gaps are maintained. The Fire Safety Act 2022 requires communal doors in high risk buildings to be checked every 3 months and flat entrance doors every 12 months.

BM TRADA Q-MARK FIRE DOOR MAINTENANCE SCHEME

- Raise any on-going fire door maintenance standards
- Ensure the product's fire resistant capability is maintained
- Ensure the product service life is maximised through correct maintenance
- Provide peace of mind that the maintainer is suitably qualified and that their work is continually assessed by an independent body
- Provide specifiers with the means to demonstrate that maintenance meets the required standard