

THE ANATOMY OF A FIRE DOOR

DOOR LEAF

- Tested and certificated fire door leaf
- With identification label/mark
- Undamaged and suitable fire rating
- Fitted all with compatible* ironmongery and compatible* components
- Fitted to ensure the correct gaps between the doorleaf and frame when the door is closed

DOOR CLOSER

- Suitable for use on the specific fire door and detailed on the fire door certificate
- Fitted with the correct intumescent protection (if required) and fixings
- Adjusted to ensure the door closes snugly against the frame and the door is easy to operate

FIRE AND SMOKE SEALS, GAPS BETWEEN DOOR AND FRAME

- Full perimeter seal (top, sides, bottom of door)
- Seals made from the correct material and to the size and specification that is detailed on the fire door certificate
- Suitable rating and configuration to match the fire rating of the door leaf
- Smoke seals fill gap between door and frame when door is closed, around entire perimeter of the doorleaf

FRAME

- Tested fire door frame design
- Correct material and dimensions for specific fire door rating
- Compatible* with the door leaf
- Securely fitted to aperture, with the correct fixings and gap filling materials used behind the architrave, as detailed on the fire door certificate

LOCK OR LATCH

- Suitable for use on the specific fire door and listed on the fire door certificate
- Fitted with the correct intumescent protection and fixings as detailed on the fire door certificate
- Fitted in the correct location using the correct fixings

LETTERPLATE

- Suitable for use on the specific fire door and detailed on the fire door certificate as a compatible* component
- Fitted in the correct location within the fire door leaf
- Fitted using the correct intumescent protection and fixings
- The aperture must be prepared and the components fitted by an individual who is competent to do so
- Compatible* with the fire certificate and fitted by a competent person with correct fixings and intumescent protection

THRESHOLD SEAL AND GAPS

- Threshold seal is suitable for use on the specific fire door leaf
- Threshold smoke seal completely fills the gap when the door is closed

SIGNAGE

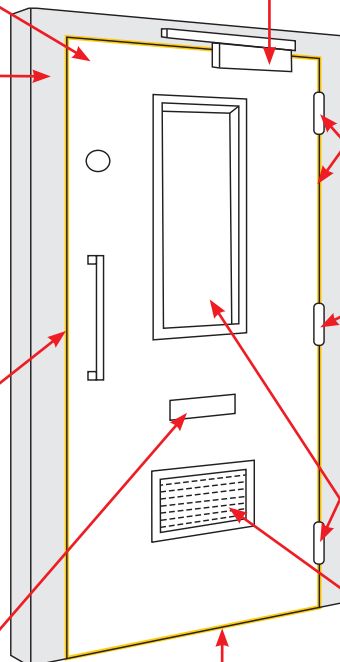
- Check the correct signage is fitted in the correct location on the fire door leaf - Fire Door Keep Shut

HINGES

- Suitable for use on a fire door, with the correct identification markings
- Fitted with the correct intumescent pads (if required)
- Fitted with the correct fixings
- Fitted in the correct location on the fire door, as detailed in the fire certificate
- Standard height fire doors should have a minimum of three hinges to prevent the door from warping in a fire

GLAZED VISION PANEL AND AIR TRANSFER GRILLE

- Only fitted in a factory controlled environment by a competent and trained individual.
- Fitted using ALL the correct components (fire rated glass, intumescent system, glazing bead system, and fixings as detailed on the fire door certificate)
- Fitted in the correct location in the doorleaf, and not exceeding any size limitations as detailed on the fire door certificate
- Compatible* with the specific fire door leaf.



*Compatible means listed on the current fire door certificate

FOR MORE INFORMATION: www.bwfcertifire.org.uk

But a SAFE fire door is also about:

INSTALLATION

Door fitted by a competent person, in accordance with manufacturer's fitting instructions. Gap between frame and wall suitably filled with compatible* fire rated materials.

INSPECTION

Fire Doors need to be regularly inspected as part of the building fire risk assessment. Regular inspection identifies faults before they impact performance of the door.

MAINTENANCE

Regular maintenance of fire doors with compatible products helps to keep them fit for purpose and in full working order. **SAFE.**

