

# Are your fire doors legal?

These simple checks could save lives.

## Door furniture

- Does the handle operate smoothly and freely return to a horizontal?
- Are all the screws tight?
- If on an escape route, can the door be opened without a key?

## Hinges

- Are there a minimum of 3 hinges with all the screws fitted securely?
- Are the hinges free of metal fragments and oil leakage?<sup>[1]</sup>
- Are the hinges marked with CE stamp?
- If back check closers are fitted then are the hinges grade 13?

## Locks and latches

- Does the latch hold the door firmly in place without rattling?
- Does the latch/deadbolt engage fully into the strike plate?

## Door closers

- Open the door to 5° or 75mm. Does it close and engage the latch?
- Is the closer correctly fitted to the door and frame?
- Is the closer free from damage and not leaking oil?
- If unlatched, does the closer hold the door in line with the frame and intumescent seal?

## Hold open devices

- When required, does the door release immediately and close fully into the frame?

## Signage

- Does the door display the correct signage?

## Exit devices

- Is the panic or emergency exit device functioning correctly?
- Are the fixings of the operating device, bolts and strikes tight?

## Door seals

- Are the intumescent and/or smoke seals in good condition, not missing or damaged?
- Are the door seals to the correctly specified fire rating and function?
- Are the seals well attached inside the groove in the frame or door leaf?

## Fire door leaf

- Is the door leaf still the original one specified for the building/zone?
- Is it still a fire door or has a non-fire domestic door been fitted?
- Is the door intact?<sup>[1]</sup>
- Is there any unusual changes e.g. cat flaps or letterplates? (if so check these are fire rated)

## Frame

- Is the frame still the original one specified?
- Is the frame intact?<sup>[1]</sup>
- Are all the correct seals in place?
- Does the door sit squarely in the frame, within the recommended edge gap? 2mm – 4mm (timber)<sup>[2]</sup>



<sup>[1]</sup> Physical damage, vandalism, and signs of wear may affect fire integrity

<sup>[2]</sup> BS 8214: 2016 Timber-based Fire Door Assemblies - Code of Practice and some composite fire doors allow gaps up to 5mm on some edges.