

# FRAMEFIT FITTING INSTRUCTIONS

FrameFit FD30 and FD60 for Smoke and Fire Doors



## Introduction

This document provides guidance to installers on how to install FrameFit to Fire Door Frames to remediate issues in FD30 and FD60 Smoke and Fire Doors. FrameFit is a new product that has been designed and manufactured to specifically address the major issues in the market with excessive gaps around Fire Doors which dramatically increase the risks to People and Property related to poor Fire compartmentalisation.

## Instructions - Identifying your door

- 1 Initially check the Fire Door and confirmed whether it has any Intumescent in the Frame, the Door or none at all.
- 2 If the Fire Door does have Intumescent you will need to select the correct FrameFit to use. Please see below:
  - a.) The Fire Door frame has Intumescent - This will need to be removed and you will need to use the LM (Low Modular) FrameFit for gap filling and the HE (High Expansion) variant to replace the removed Intumescent.
  - b.) If there is Intumescent in the Door Edge you will only need to use the LM FrameFit variant.
  - c.) If there is no Intumescent currently installed in the Frame or Door you will need to use the LM FrameFit for gap fill with the option of using the HE variant to provide Intumescence and a smoke seal.
- 3 You will now need to confirm whether the Fire Door is an FD30 or an FD60. This is normally done by measuring the depth of the door. FD30 is typically 44mm deep with FD60 54mm deep.
- 4 Once you are clear on what type of door you have, move onto the FrameFit Installation instructions.

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## 1 Measure the gaps

With the Fire Door closed carefully measure the gap between the Frame and the Door with an accurate measuring device. Ensure you record all measurements for future reference. Fire Door gaps should be between 2mm and 4mm, anything above this will need correction. You should not need to remove the door.

## 2 Calculate the required thickness

Calculate the required depth of FrameFit you will require to close the existing gaps with either the FD30 or FD60 doors. Please use the table below as a reference guide. (See table on page 4).



## 3 Calculate the required length

Measure the interior dimensions of the Door Frame and note these down. Remove the FrameFit from the packaging and unroll the required amount. Cut to length using a Miter Cutter or other appropriate device. You will need to confirm whether you need the LM + HE FrameFit or just LM based on the guidance in 'identifying a door'. The HE variant will need to be used where the door has had intumescent removed or, as an option, not in the original door frame.

## 4 Prepare the frame

The door frame will now need to be prepared. Using sandpaper, or equivalent, sand down the areas to be remediated to ensure a flat surface. Once the area has been sanded use the provided Alcohol wipe to remove all dust, grease and other obstruction from the inside of the door frame.



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## 5 Remove the latch/lock strike plate

Using a screwdriver remove the latch/lock strike plate.

## 6 Adhere FrameFit to frame

Remove the backing tape from the FrameFit and adhere to the inside of the Door Frame ensuring full adhesion to all required surfaces. Wipe over with a clean dry cloth to assure full adhesion.



**Installation Tip - If you are working in cold conditions, you can use a heat gun to warm FrameFit. This will improve pliability and reduce installation time.**



## 7 Tack with supplied fixing pin at both ends

Using the supplied pins tack the FrameFit to the door frame. You may need to tack at several points along the length of the frame.

## 8 Refit the latch and ensure it can engage

When you are satisfied that the FrameFit is fully in place replace the Door latch/strike plate with a suitable screwdriver. Using a sharp knife cut out the FrameFit where the door latch secures to the strike plate in the door frame.



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## 9 Recheck the gaps with door closed

With the door closed recheck the gaps to ensure that they are within the required 2mm to 4mm tolerance.



## 10 Record completed remediation work



Once your installation is complete capture the completed works on your phone or other suitable device to ensure you have an appropriate record. This can then provide a reference point for future inspections and remedial works.

### Gap Reference Table

Measured Gap	FrameFit Required		
	5mm	3mm	1.5mm
15	2		1
14	1	2	
13	2		
12		3	
11	1	1	
10	1		1
9		2	
8	1		
7		1	1
6		1	
5			1

