FRAMEFIT FITTING INSTRUCTIONS

FRAMEFIT
Bringing Life Back To 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 product that has been designed and manufactured to specifically address the major issues in the market with excessives gaps around Fire Doors which dramtically 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 FrameFit for gap filling and the HE 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 HE variant to provide Intumescence.

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 44m deep with FD60 54mm deep.

4. Once you are clear on what type of door you have, move on to the FrameFit Installation instructions on the next page.

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Instructions - Installing FrameFit



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 thickness 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.



3 Cut FrameFit to size



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 mitre 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 not in the original door frame.

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4 Remove dust and grease from frame

Using the provided alcohol wipe please remove all dust, grease and other obstructions from the inside of the door frame.





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.





7 Tack FrameFit to door frame

Using the supplied pins, tack the FrameFit to the doorframe. If you have a nail gun, 25 - 30 mm brad nail are suitable.

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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 or chisel remove the FrameFit from the strike plate bolt hole/s so the bolt can engage.



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 Capture evidence of completed works



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.

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Gap Reference Guide

Note: Ensure you are aware of what variant of FrameFit you require, HE or LM, based on the 'identifying your door' guidance.

Measured Gap	Doors With Existing Fire Seals In The Frame.		Finished Gap
	HE/1.5	LM/1.5mm	
10 mm	1	3	4 mm
9 mm	1	3	3 mm
8 mm	1	2	3.5 mm
7 mm	1	1	4 mm
6 mm	1	1	3 mm
5 mm	1	0	3.5 mm
4.5 mm	1	0	3 mm
Measured Gap	Doors With Existing Fire Seals In The Door Leaf.		Finished Gap
	HE/1.5	LM/1.5mm	
10 mm	0	4	4 mm
9 mm	0	4	3 mm
8 mm	0	3	3.5 mm
7 mm	0	2	4 mm
6 mm	0	2	3 mm
5 mm	0	1	3.5 mm
4.5 mm	0	1	3 mm