



FIREBOX™

FYREBOX™

CAST-IN



Changing the way we build to improve fire safety.



The Trafalgar FIREBOX™ range includes:

- FYREBOX™ Slab-Mounted
- FYREBOX™ Cast-In
- FYREBOX™ Maxi
- FYREBOX™ Mini

fyrebox.com.au | firebox.com.au

V6.010518

FYREBOX™

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Product Overview

Trafalgar is proud to introduce FIREBOX™, a revolutionary new fire stopping solution. FYREBOX™ CAST-IN allows for multiple and mixed services to pass through it, and in close vicinity to each other, with proven fire testing eliminating the need for 200mm separation between adjacent services. It also allows for cable trays to pass directly through it.

Many builders have learnt the hard way, by getting called back under warranty to redo poorly designed or installed passive fire protection. Trafalgar has changed the status quo; we have listened and delivered a new family of engineered products to make installation and ongoing certification more robust.



Revolutionary new fire stopping solution.

Take Back Full Control

The use of FIREBOX™ allows a completely different approach to who does the fire stopping, and why on your projects.

You can now plan ahead for services and avoid costly fire stopping mistakes by using the FIREBOX™.

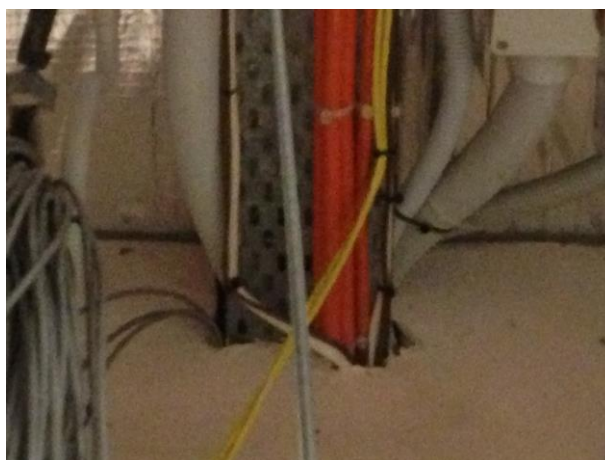
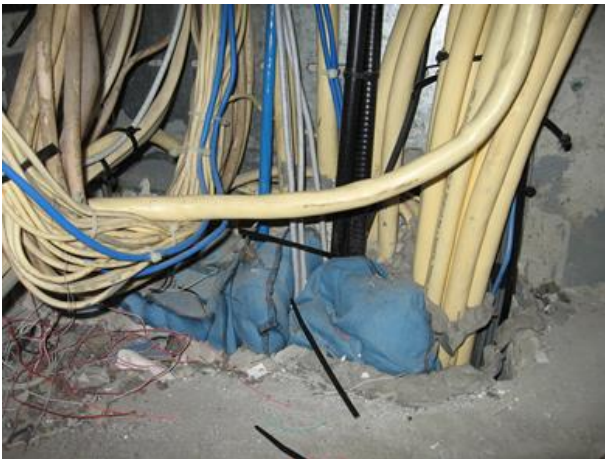
A little bit of forward planning and you can rest easy knowing that your fire stopping is sound and that any call backs can be quickly dealt with and will not be costly.

FYREBOX™

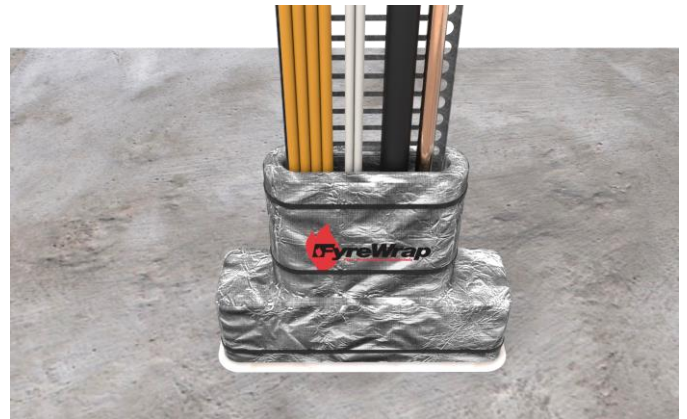
CAST-IN

Product Overview

Non-compliant Installation



Compliant Installation using FIREBOX™



**FIREBOX™ is Fast,
Clean and Easy.**

AS1851-inspection for fire services now means that a building and its so called passive fire protection systems will be inspected annually. The Trafalgar FIREBOX™ system is changing the way builders build and allowing for easier compliant fire stopping.

Key Features & Benefits

- FIREBOX™ helps builders to organise their fire stopping.
- FIREBOX™ reduces the overall installation area for service penetrations.
- FIREBOX™ avoids the need for fire stopping of multiple openings.
- FIREBOX™ makes it easier to know where to route services.
- FIREBOX™ is ideal for new buildings.
- FYREBOX™ CAST-IN comes complete with a galvanised steel lid to protect the inside during installation and casting.
- FIREBOX™ simplifies and reduces construction and maintenance costs over the life of the building.
- FYREBOX™ CAST-IN can be custom made to suit multiple slab thicknesses.
- FYREBOX™ CAST-IN has been fire tested empty and all the way up to completely full.
- FYREBOX™ CAST-IN is 125mm high making them suitable for most services and can be as long as 1100mm allowing for large service runs.



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Technical Specifications

PRODUCT DESCRIPTION

Fire Rating Up to 4 hours.

Testing The FYREBOX™ Cast-In is fire tested and fully approved to AS1530.4 and AS4072.1 for use with a multitude of services.

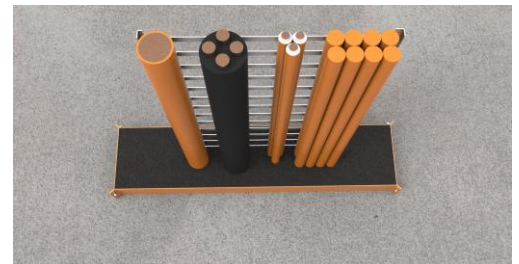
Body Constructed from mild steel and is orange for ease of identification.
Galvanised steel lid.

Maintenance Annual inspections as per AS1851.

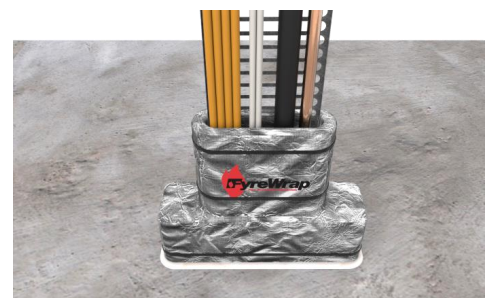
Application Tested and approved for the following services:

- Electrical, data, communication cables.
- Steel pipes.
- Insulated copper pipes.
- Plastic conduits.
- Any configuration of the above. Mixed services can run through FYREBOX™ Cast-In.

Specifications Cast a FIREBOX™ into position marked on the floor slab drawing. All relevant trades are to route services which penetrate the floor slab through the FYREBOX™.



FRL -/240/60



FRL -/240/120 with FyreWrap Insulation System. (Refer to Trafalgar's installation instructions.)

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Ordering Information



The FIREBOX™ system allows building designers and service consultants to identify the required location for services and **specify Trafalgar FYREBOX™ CAST-IN**. This ensures that all services are adequately fire stopped. The best part is that the FIREBOX™ is a permanent system and will not require fire stopping again for the life of the building.

FYREBOX™ CAST-IN				
Code	Size (mm) L x W x D	Standard Width	Fire Rating/s	Minimum Floor Slab Thickness
FYREBOX-CI-350	350 x 125 x 380	125mm	-/60/60	At least 120mm
FYREBOX-CI-650	650 x 125 x 380		-/90/90	
FYREBOX-CI-1100	1100 x 125 x 380		-/120/120	
FYREBOX-CI-CUSTOM	XXX x 125 x TBA (Any length up to 1100)		-/180/120	
			-/240/120	
			**	

NOTE: The FYREBOX™ Cast-In standard depth is 300mm. The FYREBOX™ Cast-In can be manufactured with varying depths based on slab thickness (FYREBOX™ depth will be slab thickness plus 70mm). Contact Trafalgar to discuss your specific requirements.

** Refer to Trafalgar's System Certificate as to when and where the FyreWrap Insulation System is required.

FYREBOX™

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Installation Overview

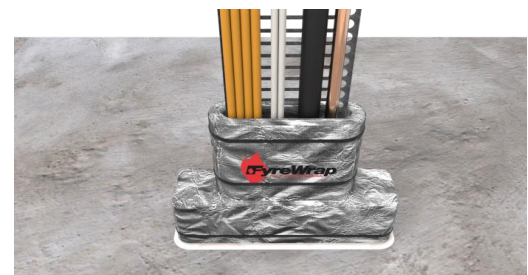
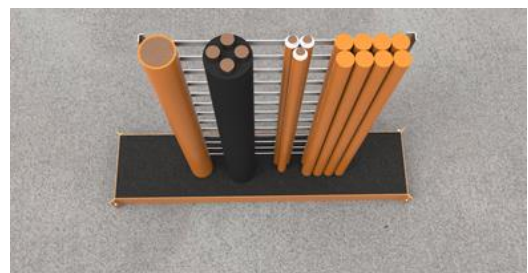
Installation Overview

1. Position the FYREBOX™ Cast-In in the desired penetration position, and then fix it to the timber formwork.
2. Ensure the galvanised steel lid is on the FYREBOX™ Cast-In and then pour the concrete to the specified depth and allow to cure.
3. After the concrete has cured, remove the timber framework from the other side of the penetration.
4. Remove the steel lid from the FYREBOX™ Cast-In. Remove the foam plugs from both ends and put in a safe location for subsequent use.
5. Install services through the FYREBOX™ Cast-In as required, ensuring the services are approved for use. Refer to Trafalgar's System Certificate for details.

FyreWrap may be required to achieve full insulation. Refer to the Trafalgar System Certificate.

6. Refit the foam end plugs.

Please view our installation video. Go to www.youtube.com.au and search for Trafalgar TV.

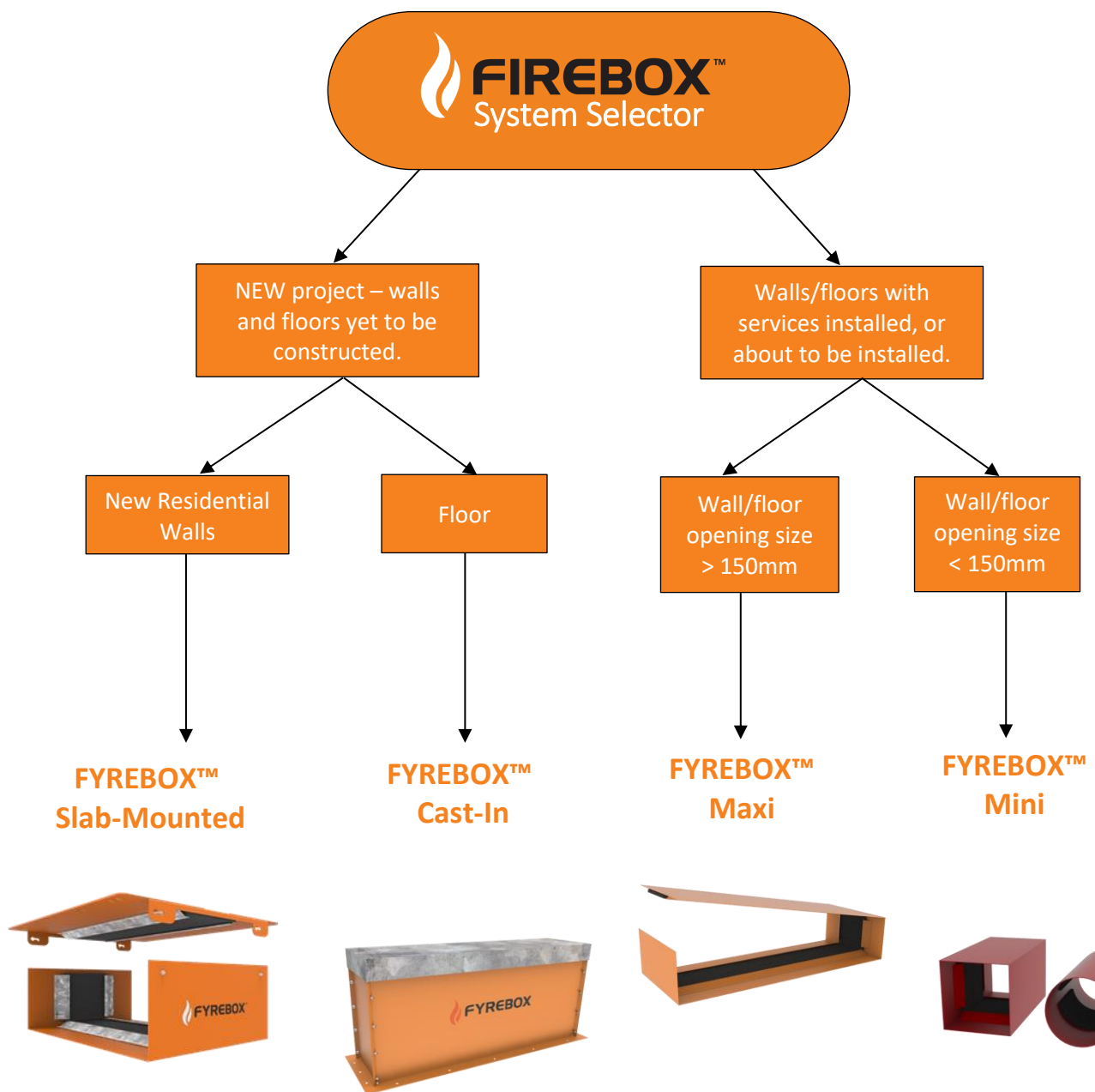


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Product Range

Not sure on which FIREBOX™ you require. Don't worry, review our System Selector for assistance or call the Trafalgar team on 1800 888 714.



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Product Range



	FYREBOX™ Slab-Mounted	FYREBOX™ Cast-In	FYREBOX™ Maxi	FYREBOX™ Mini
Fire Barrier	Plasterboard and Hebel Walls	Concrete Slabs	Plaster/Masonry/Hebel/Concrete Walls and Floors	Plaster/Masonry/Hebel/Concrete Walls and Floors
Installation Prior to Fire Barrier Construction	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cutting required	During wall construction	None	Pre-formed holes	Pre-formed holes
Power Cables	Residential power	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Data Cables	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Cable Trays	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Metal Pipes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Insulated Copper Pipes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PEX Pipes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

For full FRL details please contact Trafalgar. Fire testing of Trafalgar products is always ongoing.



Trafalgar has developed a range of **installation videos** to assist our customers. To view these step by step install videos please go to www.youtube.com and search for **Trafalgar TV**. Subscribe and you will be notified when new videos are uploaded.

Trafalgar reserves the right to change specifications without notice. Please check with your supplier at the time of order. The information contained in this brochure was correct at the time of print. E&OE. Published 08.02.18