



# FYRESET

Fire Rated Mortar



Trafalgar **Fyre** fire stopping range includes:

Sealant | Pillows | Mortar | FR Batts  
FR Collars | FR Access Panels | Pipe Wraps  
FyreWrap Duct Wrap | FR Downlight Covers  
Intumescent Dampers | Fire Door Hardware  
Fire Rated Board and Systems | Cable Coating  
for multiple and mixed services

*Fight Fire With **Fyre***

[tfire.com.au](http://tfire.com.au)

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## Product Overview

**Trafalgar FyreSet Mortar** is a special cement based mixture formulated specifically for fire rating applications, in particular openings in fire barriers that include complicated or mixed service penetration types. FyreSet is easily mixed on site with water to a required consistency for either pouring or trowelling into wall or floor slabs.



**Copper Pipes**

FRL of -/120/120 with FyreWrap system\*

FyreSet has been fire tested in numerous configurations and with a multitude of service penetration types as required by the National Construction Code.

FyreSet Mortar has over 25 years of proven performance in Australia's harshest building site conditions.

To maintain market leadership, Trafalgar stay up to date with the latest technologies and trends in passive fire protection and contemporary construction techniques. **We are 70 years strong and still innovating!**

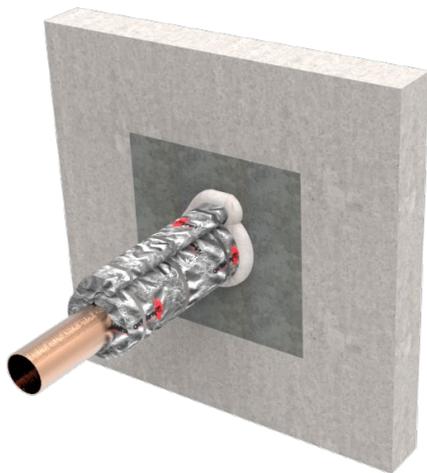
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## Product Overview



Cable Bundles in Floors



Copper Pipes in Walls  
FRL of -/120/120 with FyreWrap system\*

### APPLICATION:

FyreSet Mortar is used for fire stopping of service penetrations in wall and floor openings where a specific FRL has to be maintained. For specific FRL's refer to Trafalgar's Technical Guide.

### SUITABLE FOR:

FyreSet Mortar is suitable for sealing of cables and metal pipe penetrations, use in walls and floors and is ideal where difficult penetrations require complex cutting and shaping of preformed materials.

### SPECIFICATION:

All openings are to be sealed, so as to maintain the FRL of the element (floor or wall) in accordance with AS1530.4 using Trafalgar FyreSet Mortar systems as detailed in Trafalgar's printed installation instructions. When full insulation rating (temperature rise) is required for the FRL, FyreWrap will need to be wrapped on ductile services such as cable trays and steel and copper pipes for example.

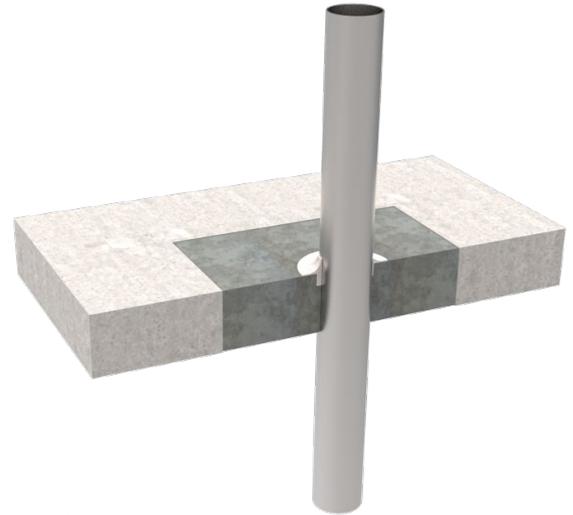
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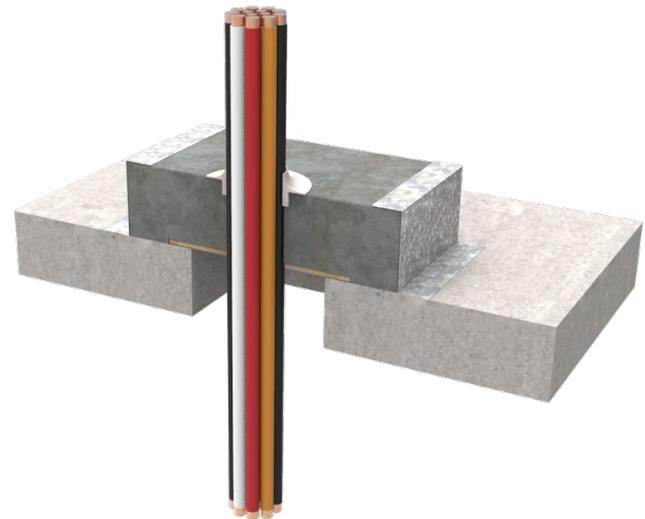
# Technical Specifications

## PRODUCT DESCRIPTION

<b>Fire Rating</b>	4 hours fire rating (Dependent on services. For full FRL, FyreWrap insulation will be required for some services).
<b>Colour</b>	Neutral grey.
<b>Testing</b>	Tested and approved in accordance with AS1530.4 and AS4072.1 standards.
<b>Mixing</b>	Each 10kg bag mixes with water to form approximately 14 litres of mixture. Mix FyreSet with between 4 and 6 litres of water depending on the required stiffness of the mix.
<b>Drying time</b>	FyreSet is cement based and has a good pot life making it ideal for contractors who want to minimise waste.
<b>Environment</b>	Easy clean-up, low Volatile Organic Compounds (VOC) and Ozone Depleting Potential (ODP) formula.
<b>Safety</b>	Fyreset Mortar is non-load bearing. Refer to product MSDS for full safety information.



Steel Pipes in Floors



Surface mounted FyreSet Mortar with Z-brackets

## IMPORTANT NOTES:

1. Z-brackets are required for floor installations.
2. Trafalgar FyreFlex Sealant to be used around services.
3. If full installation rating (temperature rise) is required for the FRL, FyreWrap will need to be wrapped on ductile services such as cables, cable trays and steel and copper pipes.
4. Not suitable for use around plastic pipe and plastic conduits (Trafalgar Maxilite Board and FyreChoke Collars are recommended in this case).

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## Ordering Information

FyreSet Fire Rated Mortar		
Maximum Floor Opening	Fire Resistance Level	Mortar Thickness
FLOOR SLABS		
600mm x 600mm	-/180/180	80mm
700mm x 1000mm	-/240/240	180mm
WALLS		
600mm x 600mm	-/120/120	90mm
1120mm x 1000mm	-/240/180	140mm

### FYRESET MORTAR FAQ:

1. How many bags of mortar do I need for my BxWxH cm opening? **Bag quantity = (BxWxH) divided by 14000.**
2. Can I walk over the mortar once its set? **No.** FyreSet Mortar is not load bearing, please make the appropriate precautions.
3. Do I need to use fire rated sealant? **Yes.** You need to seal around the services and the mortar with a fillet of FyreFlex Sealant.
4. Do I need to use permanent formwork for my mortar installation? **Formwork can be removed if the mortar is installed using Z-brackets to secure the mortar fill. Contact Trafalgar for more details.**
5. Can I leave my timber framework in place after the install is complete? **Combustible framework can be left on the exposed face only.**
6. Can I use FyreSet Mortar to fire-stop plastic pipes and conduits? **No.** During a fire the plastic will melt away and leave a hole in the fire barrier. Trafalgar Maxilite Board and FyreChoke Collars are recommended in this case.



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](http://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 30.07.2019. \*Refer to Trafalgar's installation instructions.