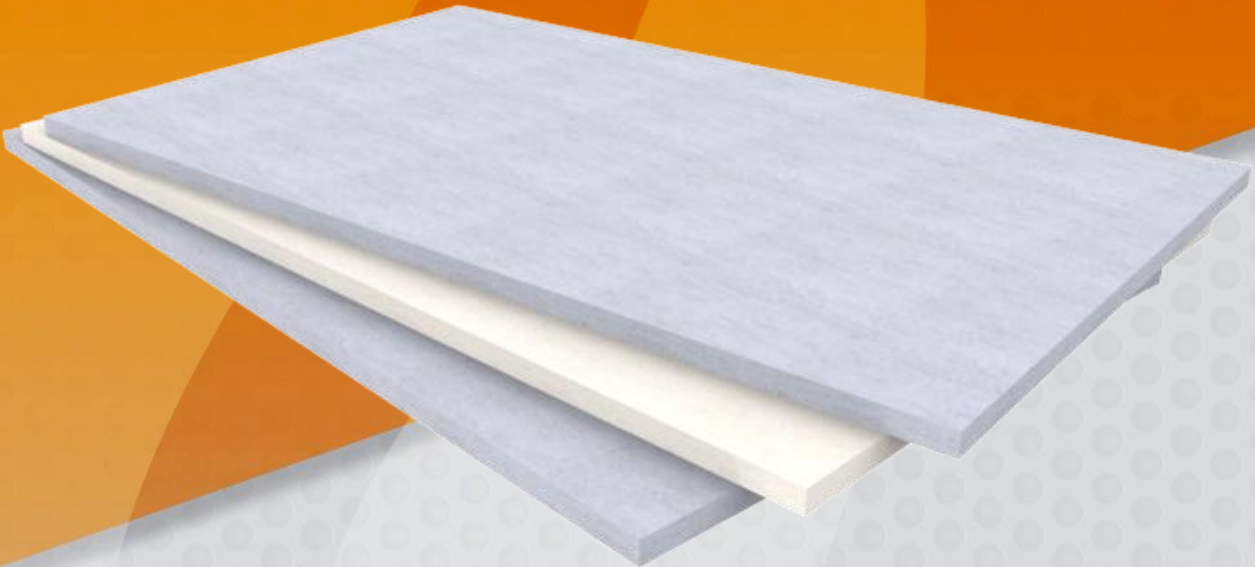# TRAFALGAR

MAXILITE

Fire Rated Board

The Trafalgar 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
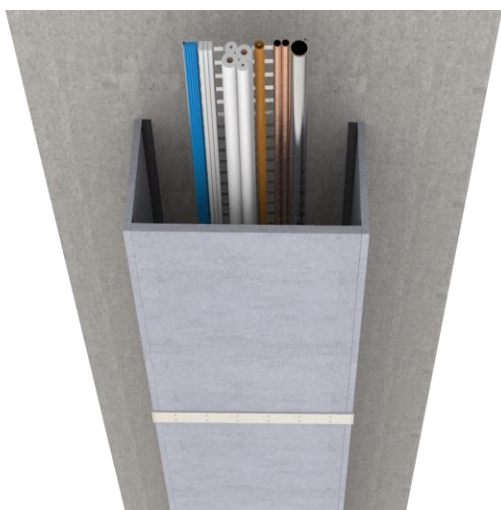
FYREBOX for multiple and mixed services

AUSTRALIAN OWNED
70 Years
and Still Innovating

tfire.com.au

Maxilite is a lightweight, high performance fire rated board. Maxilite is a calcium silicate based product and is bonded together with non-organic binders. It is completely free from asbestos, volatile organic compounds (VOC's) and ozone depleting potential (ODP).

Maxilite is an extremely effective insulating refractory board. The board is stable under high temperature stress and remains strong and crack free, even when exposed to fully developed fires.

Maxilite Bulkhead

Due to the lightweight construction of the board, Maxilite is easy to handle and work with, ensuring quick onsite installation, whilst retaining suitable fire performance. Maxilite's high fire performance ensures minimal thicknesses are required, hence less material usage and cost.

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!**
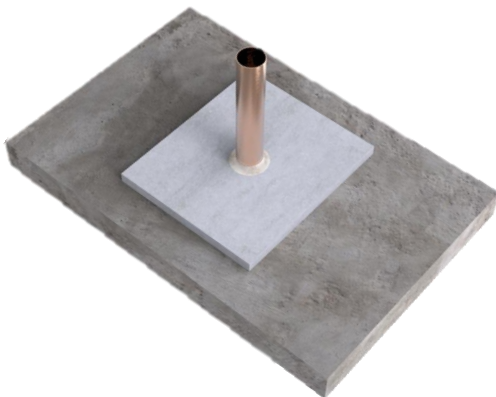
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MAXILITE

Fire Rated Board

Maxilite Fyrebox Installation

Maxilite Metal Pipe Penetration

APPLICATION:

Maxilite has an extensive range of applications, from fire rated bulkheads and ducts through to the protection of structural steel sections, as required by the National Construction Code.

SUITABLE FOR:

Maxilite Fire Rated Board is suitable for a wide range of fire protection and fire stopping applications including:

- Fire rated bulkheads
- Fire rated ducts
- Fire rated service penetrations
- Fire protection of structural steel
- Fire damper upgrades
- Fyrebox Maxi & Mini installations

SPECIFICATION:

All fire rated bulkhead and ducts are to be protected with Maxilite Fire Rated Board, and used in strict accordance with their approvals to AS1530.4. Systems requiring 2 hour fire protection shall be protected using 40mm Maxilite to comply with manual handling requirements.

All structural steel shall be protected using Maxilite Fire Rated Board, in strict accordance with Trafalgar's published installation instructions.
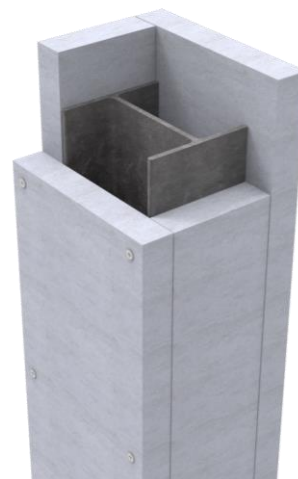
MAXILITE
Fire Rated Board

Technical Specifications

PRODUCT DESCRIPTION

Fire Rating	Up to 4 hours fire protection. 30mm Board - 90mins 40mm Board - 120mins 60mm Board - 240mins
Colour and Appearance	Maxilite Board comes in two colours and sizes: - White Board - 1520x1000mm - Blue Board - 2040x1220mm
Testing	Tested and approved in accordance with AS1530.4.
Storage and Handling	Maxilite should be stored in a cool dry environment.
Environment	No VOC or ODP present.
Flexural Strength	1.27 N/mm²
Thermal Conductivity	0.06W/mK
Average Dry Density	330 kg/m³
Test for Asbestos Content	0%
Installation	Please contact Trafalgar for install specific instruction details
Also Available	Trafalgar offers a complete range of other fire stopping products to achieve integrity ratings.

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MAXILITE
Fire Rated Board

Maxilite Fire Rated Board							
Products	Product Code	Colour	Board Sizes	Thickness	FRL	Pallet Qty	Weight Per Board
Maxilite 30mm	Maxilite-30mm	White	1520 x 1000mm	30mm	-/90/90	30	16 kg
Maxilite 40mm	Maxilite-40mm			40mm	-/120/120	22	22 kg
Maxilite 60mm	Maxilite-60mm			60mm	-/240/240	15	32 kg
Maxilite 30mm	Maxilite-L-30mm	Blue	2040 x 1220mm	30mm	-/90/90	35	23 kg
Maxilite 40mm	Maxilite-L-40mm			40mm	-/120/120	26	30 kg
Maxilite 60mm	Maxilite-L-60mm			60mm	-/240/240	17	45 kg

MAXILITE FAQ:

1. I need to fire rate a 500x500mm hole in my fire wall, but I don't want to get covered in fire rated mortar. Can I use Maxilite to block it off? **Yes, Maxilite can be used to fire stop blank penetrations. See the Maxilite technical guide for details.**
2. Do I need fire rated sealant around the perimeter of my Maxilite board penetration? **Yes. A small bead of Trafalgar Fyrelex Sealant is required around the perimeter of the Maxilite board.**
3. Are Maxilite bulkheads fire rated from both sides? The steel angles are only one side? **Yes. The steel angles are strong enough to withstand fire in either direction.**
4. I have used two pieces of Maxilite to fit around the pipe. Do I need to use sealant along the join? **Yes. You will need to seal the join AND use a 100mm cover strip along the length of the join.**

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You Tube CHANNEL
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.

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