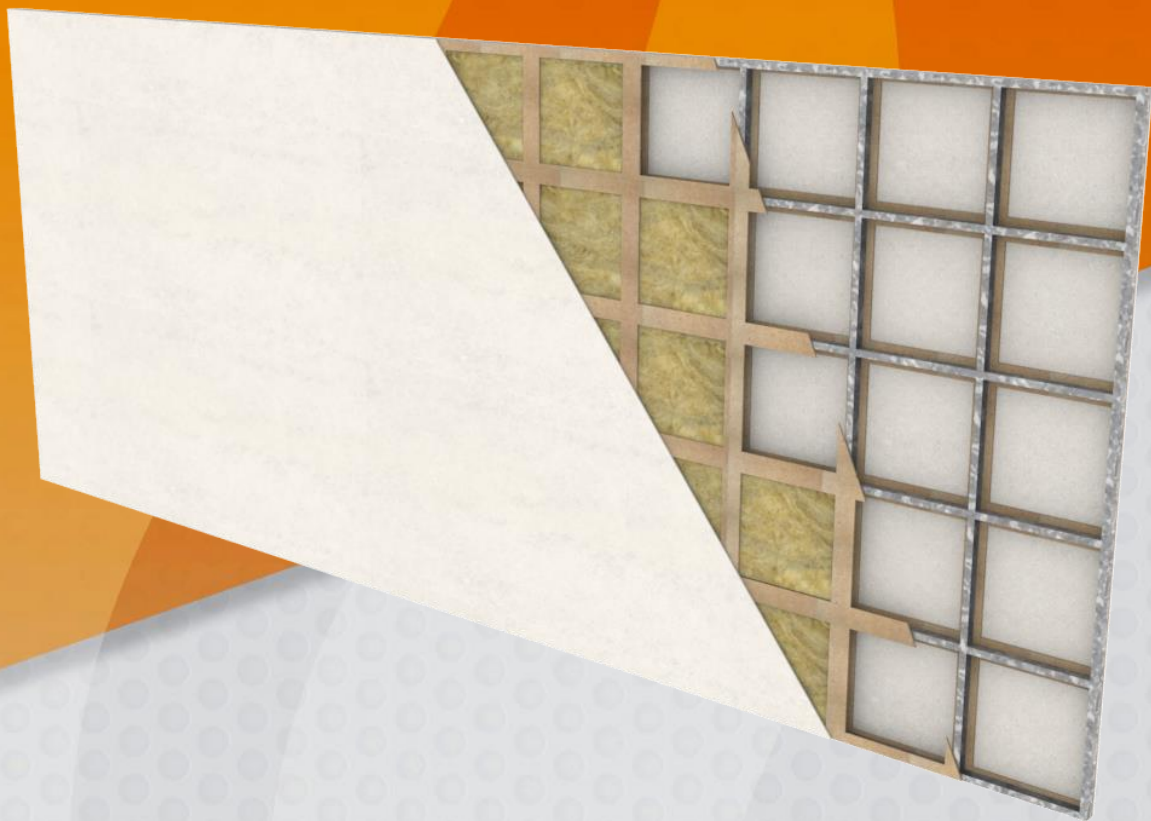




ORBIT

Fire Resistant Partition Wall



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

ORBIT

Fire Resistant Partition Wall

Product Overview

Trafalgar Orbit FR is a strong, lightweight, non-combustible building board designed for use in many fire resistant and general purpose applications. The **Orbit FR Partition Wall** is a **fully tested single layer wall system** that complies with the requirements of AS1530.4 in accordance with the National Construction Code and can be built to up to 3 metres tall and to an infinite length.

Orbit FR is off-white in colour and has a smooth sanded surface on one face with a lightly textured reverse side. It is reinforced calcium silicate board and it contains no asbestos.



For simplicity of installation, Orbit wall Systems are installed in a similar manner as a traditional plasterboard, using a single layer of orbit board on either side of commonly used steel studwork and track with additional 100mm fillets of Orbit board underneath each joint and a 50mm Rock-wool infill.

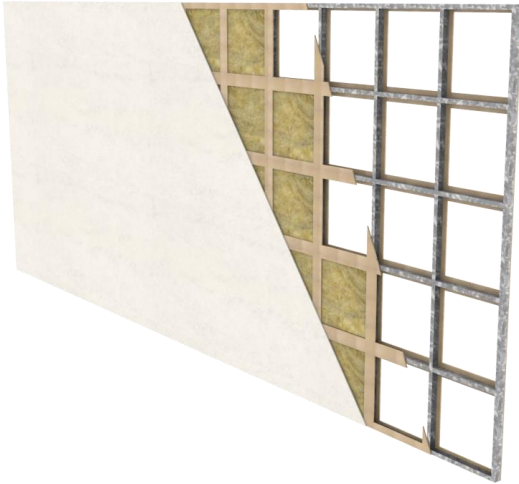
The advanced performance of the Orbit Board means that the Orbit FR Wall system can achieve an FRL of -/240/240.

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!**

ORBIT

Fire Resistant Partition Wall

Product Overview



Suitable for Fire Rated Walls



APPLICATION:

Orbit FR is tested and approved for a wide range of different fire applications. Contact Trafalgar for detailed application manuals.

SUITABLE FOR:

Orbit FR applications include:

- Fire rated walls
- Fire rated ceilings
- Fire resistant eave and soffit linings

Specification:

Orbit FR Boards are to be used in strict accordance with their approvals to AS1530.4 and installed to Trafalgar's published installation instructions.

ORBIT

Fire Resistant Partition Wall

Technical Specifications

PRODUCT DESCRIPTION

Fire Rating -/240/240, 4 hours fire protection.

Colour and Appearance Orbit Board is off-white in colour with a smooth sanded surface on one face and a lightly textured finish on the reverse side. Orbit board can be painted to suit a range of finish requirements.

Testing Tested and approved in accordance with AS1530.4 for non-combustibility and AS1530.3 for zero ignitability, spread of flame, heat evolved and smoke developed.

Storage and Handling Orbit should be stored in a cool dry environment.

Environment No VOC or ODP present.

Safety Calcium silicate board reinforced with selected fibres and fillers. It does not contain asbestos. Orbit FR Walls are **non-loadbearing**.

Construction details Steel studs and tracks, 50mm layer of Rockwool insulation with 100mm fillets of Orbit board behind each board joint. Contact Trafalgar for detailed installation requirements.



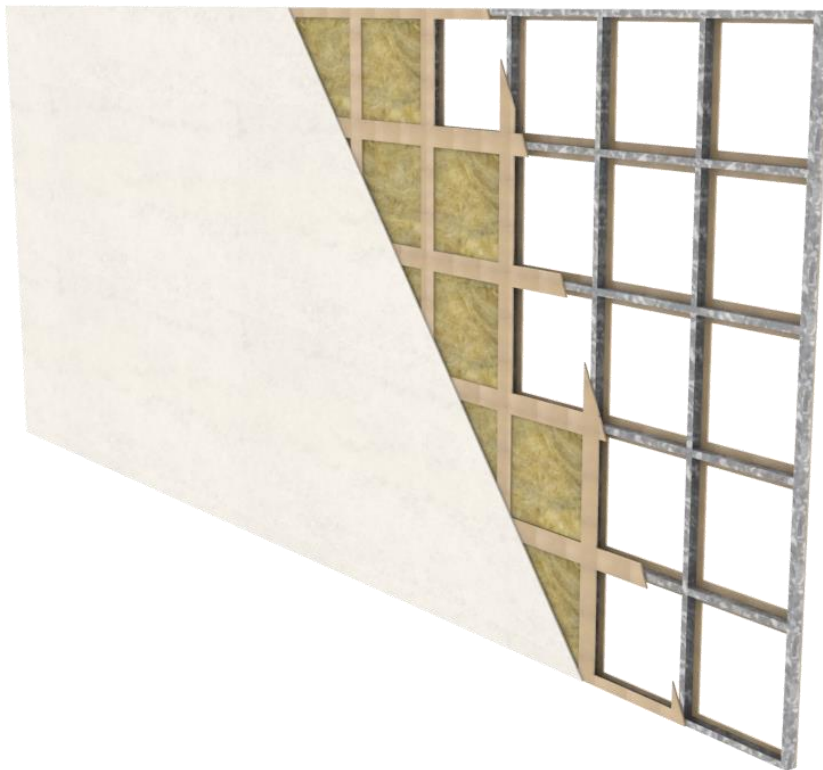
Wall construction details

ORBIT

Fire Resistant Board

Ordering Information

Orbit Fire Resistant Board					
Product	Product Code	Size (mm)	Thickness	Pallet QTY	Weight Per unit
Orbit FR	Orbit FR	2400 x 1200	9mm	50	31kg
Rockwool Insulation	Orbit Infill	600 x 600	50mm	n/a	1.44kg
Flexural Strength	Tensile Strength	Asbestos Content	Ignitability	Spread of Flame	Smoke Developed
13.98MPa	6.98MPa	0	0	0	0-1



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 01.09.16.