



# ORBIT

Fire Resistant Board - Ceilings



## 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

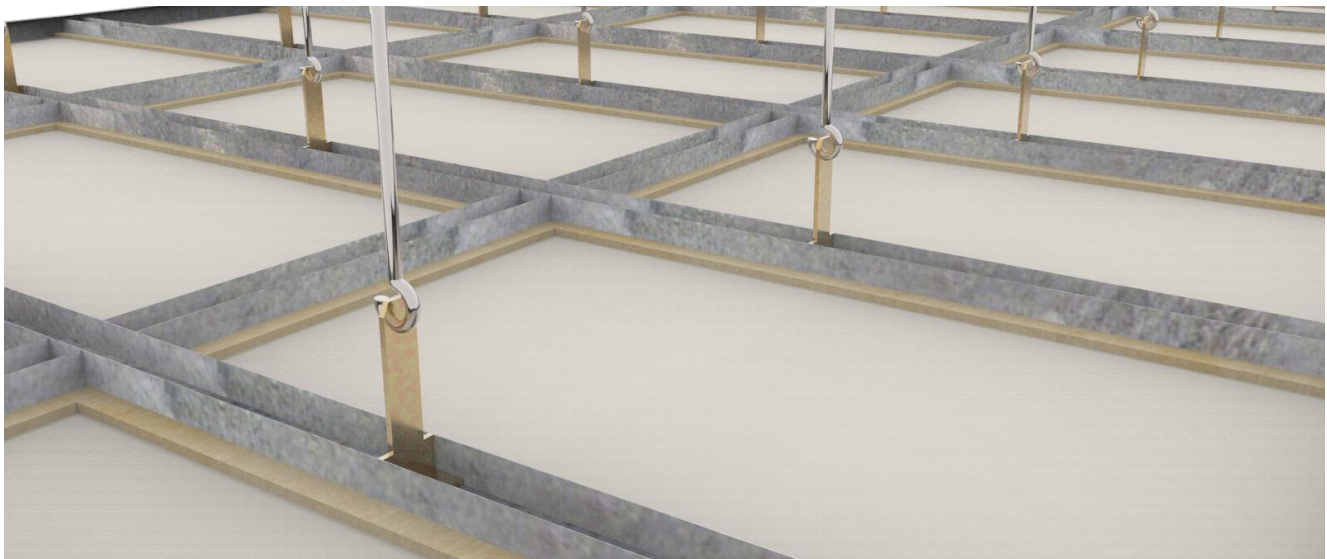
# ORBIT

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## Product Overview

**Trafalgar Orbit FR** is a strong, lightweight, non-combustible building board designed for use in many fire resistant and general purpose applications. **Orbit FR Ceilings** is a fully tested system that complies with the requirements of AS1530.4 in accordance with the National Construction Code and can be built to infinite length and width.

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 Ceiling Systems are installed in the same manner as a traditional plasterboard ceiling using industry standard framing and suspension systems.

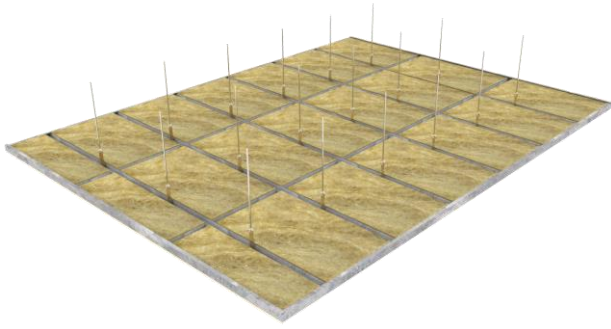
The advanced performance of the Orbit Board means that a board only installation can achieve up to -/240/-, and with 2 layers of 50mm Rockwool can achieve an FRL of -/240/240.

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!**

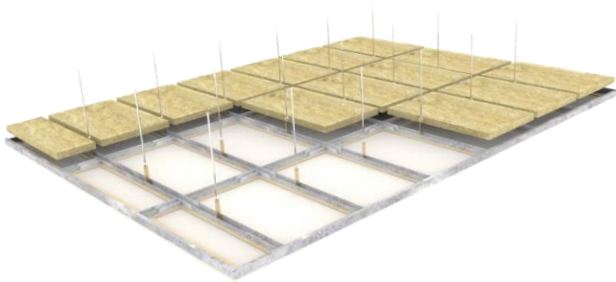
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## Product Overview



Orbit Insulated Ceiling



### APPLICATION:

Orbit FR Ceilings are tested and approved for use in suspended ceiling systems of any size.

With Rockwool infill between the framing these systems can achieve a -/240/240 FRL.

Contact Trafalgar for detailed application manuals.

### SUITABLE FOR:

Orbit FR applications include:

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

### SPECIFICATION:

Orbit FR Ceiling Systems have been tested and approved in strict accordance with the National Construction Code (NCC) and AS1530.4. Orbit FR ceilings must be installed to Trafalgar's published installation instructions.

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# Technical Specifications

## PRODUCT DESCRIPTION

**Fire Rating** -/240/- without insulation  
-/240/240 with rockwool infill.

**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 the NCC and AS1530.1 for non-combustibility, AS1530.3 for zero ignitability, spread of flame, heat evolved and smoke developed and AS1530.4 for fire rated ceiling applications

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

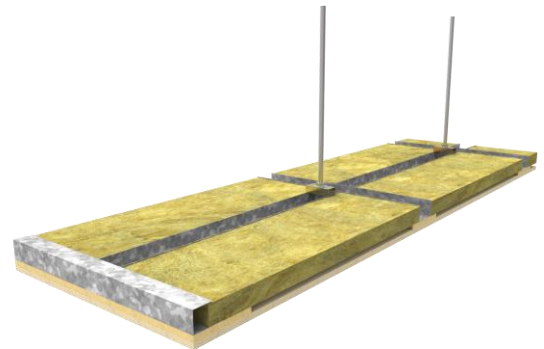
**Environment** No VOC or ODP present.

**Safety** Calcium Silicate board reinforced with selected fibres and fillers. It does not contain asbestos.

**Also Available** Trafalgar offers a complete range of other fire stopping products to achieve integrity ratings.



Non - Insulated Ceiling



Insulated Ceiling

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# Ordering Information

## Orbit Fire Resistant Board

Product	Product Code	Size (mm)	Thickness	Pallet QTY	Weight Per Board
Orbit FR	Orbit FR	2400 x 1200	9mm	50	31kg
Rockwool Infill	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](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 01.09.16.