

# Enviroboards

## Fire-Board

## Uni-Board

Enviroboards Fireboards are Magnesium Oxide Fireboard with reinforced Glass Fibre, for internal and external applications, delivering superior value for money when compared to Supalux, Masterboard and Gyproc. Enviroboards 9mm and 12mm Fireboards consist of non-combustible, non-toxic, Magnesium Oxide, Perlite and Glass Fibre Mesh forming a strong & lightweight board suitable for internal and external applications.

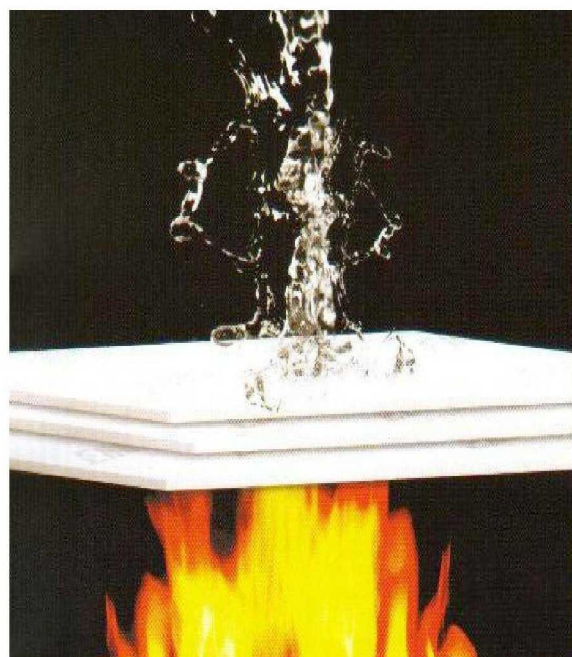
### Fire-Board

Partition Walls & Ceilings  
Timber & Steel Stud  
Roofs  
Oil Tank Fire Barrier  
Timber Clad  
Boundary Walls

### Uni-Board

Wet Room/Shower Backing  
Soffits  
Structural Integrity  
Acoustic performance  
Flood damage repair  
Conservatory re-roof

- ✓Plaster board replacement in areas Prone to water ingress
- ✓Replacement of multi layer build e.g. ply and plaster board
- ✓Boards can be painted directly/finished with plaster/render



### Technical DATA 9mm 1 Hour Rated Fireboard

Impact Resistance	5.5 KJ/m <sup>2</sup>	Bending Strength	16Mpa
Sound Insulation	42dB	Thermal conductivity	0.109 W/mK
Pull out strength	55N	Thickness tolerance	+/- 0.5mm
R-Value	0.082 m <sup>2</sup> K/W	Weight per sheet	26Kg
Effects to Acid and Alkali	No effect	Shrinkage / Swelling Rate	≤0.3% / ≤0.6%
Colour	Off white	Fungus, Mould and Termite Resistant	
Tensile Strength	1.6 Nmm <sup>2</sup>	Finished with a smooth side and a sanded side	

### Technical DATA 12mm Up to 2 Hour Rated Fireboard

Impact Resistance	12.7 KJ/m <sup>2</sup>	Bending Strength	16Mpa
Sound Insulation	54dB	Thermal conductivity	0.109 W/mK
Pull out strength	87N	Thickness tolerance	+/- 0.5mm
R-Value	0.110 m <sup>2</sup> K/W	Weight per sheet	34Kg
Effects to Acid and Alkali	No effect	Shrinkage / Swelling Rate	≤0.3% / ≤0.6%
Colour	Off white	Fungus, Mould and Termite Resistant	
Tensile Strength	2.4 Nmm <sup>2</sup>	Finished with a smooth side and a sanded side	

[www.enviroboards.co.uk](http://www.enviroboards.co.uk)  
VAT Registration No: 101 1279 73

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[info@enviroboards.co.uk](mailto:info@enviroboards.co.uk)  
Company Registration No: 7365331

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## British and European tested to the following standards

<b>BSEN 1716</b>	Reaction to fire for building Products
<b>BS 476 Part 3</b>	9mm – 60 mins – AA Rating
<b>BS 476 Part 6</b>	Class A1
<b>BS 476 Part 7</b>	Class 1
<b>BS 476 Part 22</b>	12mm – 65 mins Insulation & 88 mins Integrity, 6mm – 34mins Insulation & 37 mins Integrity
<b>BS EN 1182</b>	Non-conbustible
<b>BS EN 13501-1</b>	A1 Rated
<b>BS EN 12467</b>	Water Impermeable
<b>BS EN 12467</b>	Heat Rain Incorporating Thermal Shock - Pass
<b>BS EN 594-2011</b>	Racking test on 9mm, fixed to timber frame – Category 1 rated

Class O Building Regulations Classification

Manufactured to EN ISO 9001 : 2008

ALWAYS CONSULT WITH YOUR LOCAL BUILDING CONTROL OFFICER BEFORE PROCEEDING WITH WORKS



## Enviroboards – The Versatile Board Solution

Enviroboards 9mm and 12mm Fireboard is suitable for many applications including ceiling linings, steel structures, exterior cladding, fire rated partitions, suspended ceilings, soffits, roof, eaves, eaves, gables, underlay systems, boxing for E&M services, wet room applications and Enviroboards complies with “The Dorset Model” for New Build and extensions to thatched properties.

Enviroboards 9mm and 12mm boards combine inherent strength, sound insulation and good thermal performance due its density and constructions.

Enviroboards boards are a strong and versatile product suitable for many uses in construction and refurbishment projects.

**Please contact us to discuss your specific application.**

We are pleased to have supplied our boards for projects at the following locations:

*Wandsworth Council; St Mary's Hospital; Addenbrookes Hospital Cambridge; 199 Westminster Bridge Road; Euston Station ES2 Mazzanine upgrade; Gatwick Airport; Lambeth Council; York University; Benenden Hospital Redevelopment.*

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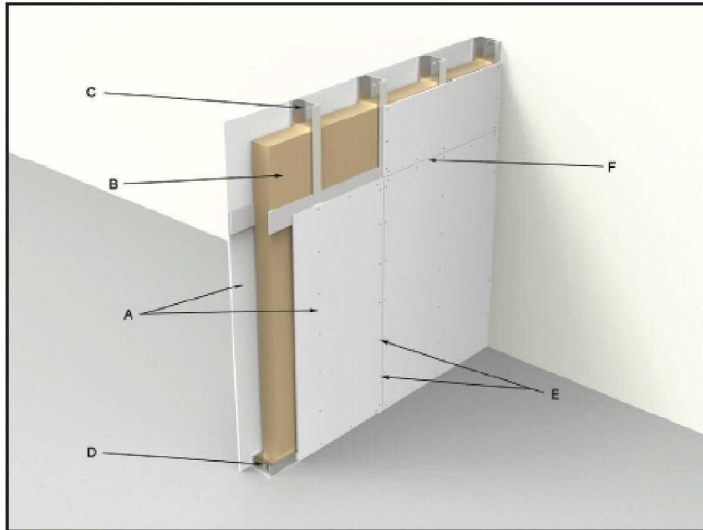
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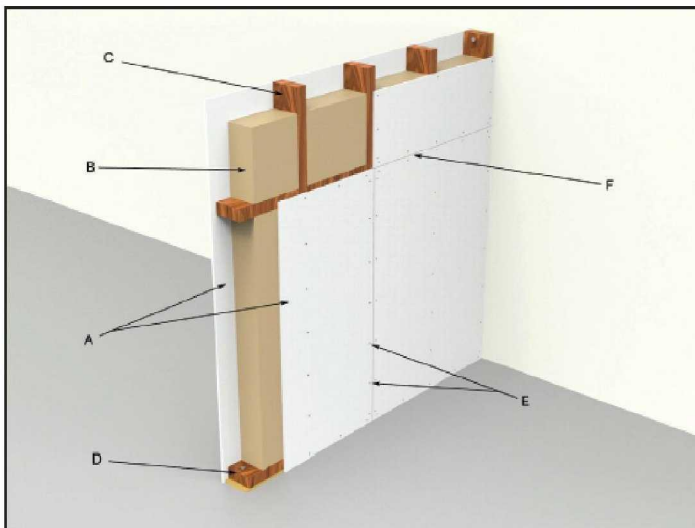
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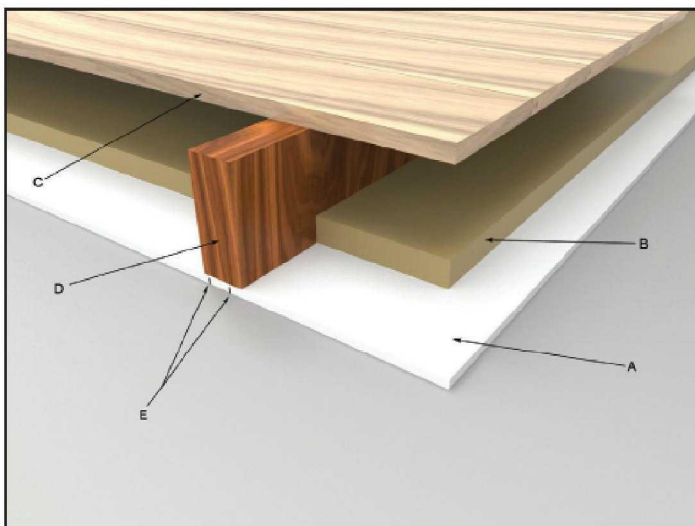
## STEEL STUDS

- A. Enviroboards 9mm or 12mm Fireboard.
- B. 50mm Rockwool Insulation.
- C. Steel Stud.
- D. Steel Stud.
- E. Zink plated countersund drywall screws at 600mm centres.
- F. All joints to be sealed with intumescent mastic.



## TIMBER STUD

- A. Enviroboards 9mm or 12mm Fireboard.
- B. 50mm Rockwool Insulation.
- C. Timber Stud.
- D. Timber Stud.
- E. Zink plated countersund drywall screws at 600mm centres.
- F. All joints to be sealed with intumescent mastic.



## CEILING

- A. Enviroboards 9mm or 12mm Fireboard.
- B. 50mm Rockwool Insulation.
- C. Floor above Joists.
- D. Timber Joists.
- E. Zink plated countersund drywall screws at 600mm centres.
- F. All joints to be sealed with intumescent mastic.

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## MATERIAL AND CHEMICAL SAFETY DATA SHEET

### Board Ingredients

Magnesium Oxide	54%	Non -Hazardous
Magnesium Chloride	24%	Non -Hazardous
Saw Dust	12%	Non -Hazardous
Perlite	8%	Non -Hazardous
Glass Fibre Cloth	1%	Non -Hazardous
Non-Woven Cloth	1%	Non -Hazardous

### Hazard Identification and First Aid Measures

The boards are classified as a non-dangerous substance.

Acute effects- Dust may cause irritation to the nose, throat and airways resulting in coughing and sneezing if inhaled during cutting, skin contact may cause irritation but cannot be absorbed through the skin.

### Swallowed or inhaled

If swallowed dilute by drinking large amounts of water. Move to an area where there is fresh air.

### Eye Contact

Wash the affected area with clean water or saline for 15 minutes.

**IF ANY OF THE ABOVE SYMPTOMS PERSIST SEEK MEDICAL ADVICE**

### Personal Protection

When handling the boards that may generate dust follow practices to limit the release, work outdoors wherever possible, wear dust masks to limit exposure. When cutting wear safety goggles/glasses and gloves. Direct contact with the skin should be avoided.

The boards are not classified as a dangerous substance and contain **NO FORMALDEHYDE, ASBESTOS**.

No special provision is required regarding carriage and disposal of the boards and can be disposed of in landfill and placed in a skip with other general building waste and will not cause any harm to people or the environment.



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