

# GYPFRAME

THE WHITE BOOK Safety Data Series

## Metal sections

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### 1 IDENTIFICATION OF THE SUBSTANCES / PREPARATION AND COMPANY

**Substances / Preparation** Gypframe metal sections

**Supplier** British Gypsum Limited  
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**Telephone** 08705 456123

#### Recommended uses:

In conjunction with Gyproc plasterboards, Gyproc plasterboard laminates, Glasroc MultiBoard and Glasroc FireCase s, to form internal walls and ceiling systems, linings and encasements.

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

Mild steel sections coated by zinc electrolytic process or hot dip galvanising process. The sections may have a protective film of a roll forming hydrocarbon (oil/paraffin etc.), lubricant or a residue of cutting fluid.

### 3 HAZARDS IDENTIFICATION

These products are **not** classified as dangerous according to CHIP.

#### THE MOST IMPORTANT HAZARDS ARE:

- There is a risk of cuts and abrasions from sharp edges and ends when handling metal sections, and in use where they have been fitted to floors or walls and are exposed, prior to fixing plasterboard.
- There is also a risk when cutting the banding due to the release of tension and the potential movement of material.
- Repeated contact with sheet metal coatings may cause skin irritation.
- During welding or flame cutting, irritant fumes may be produced which can cause metal fume fever.

### 4 FIRST AID MEASURES

**Eye contact** Wash eye with clean water for 10 minutes. Seek medical advice if irritation persists.

**Skin contact** Wash thoroughly with soap and water.

**Ingestion** DO NOT INDUCE VOMITING. Rinse out mouth thoroughly and give plenty of water.

**Inhalation** Remove person to fresh air.

**General** Get medical attention if any symptoms persist.

### 5 FIRE FIGHTING MEASURES

The products do not pose a fire hazard. However, the protective coating / lubricant may be combustible.

Suitable extinguishing media – foam, carbon dioxide, dry powder.

### 6 ACCIDENTAL RELEASE MEASURES

Not applicable.

### 7 HANDLING AND STORAGE

The bands or straps should not be used for lifting.

**Use: Caution** – as with all cut metal products, there is risk from sharp corners or edges. Appropriate cut-resistant PPE should be used when handling metal sections. Avoid prolonged and repeated contact with skin and wear protective clothing when handling metal sections (see **Section 8**).

**Manual handling:** Metal sections are supplied in a variety of lengths and profiles and the weight of different sections varies. Do not use the banding or straps for lifting. Consider carefully the manual handling risks before lifting sections of metal.

**Mechanical handling:** Metal sections are delivered as palletised loads intended for forklift truck offloading. The pack weight is shown on the label.

**Storage:** Packs of metal should be stacked on firm level ground; stack height should not exceed twice the width of the pack. Banding should only be removed at ground level.

When the banding is cut it may spring back as tension is released and the pack of material may become unstable.

Metal sections which have been fixed to the floor or side wall, ready for plasterboard fixing, may have exposed sharp edges. Care should be taken to protect persons from unintentional contact. Exposure to potentially sharp edges should be minimised. Consider using timber sole plates to mark partition position or temporarily nesting vertical stud within the channel to cap the potentially sharp edges.

Metal sections are not designed to support body weight; fixers must work from an independent support system.

**8 EXPOSURE CONTROL / PERSONAL PROTECTION**

Occupation exposure standard – Not applicable.

**Personal protection**

- Respiratory** Use in a well ventilated area. Wear approved respiratory equipment when welding, flame cutting or grinding.
- Skin** Wear cut-resistant gloves, suitable overalls and footwear when handling sections.
- Eye** If there is a risk of material entering the eye, wear eye protection to *BS EN 166*.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance: Metal sections in various lengths, thickness and formation.
- Odour: Paraffinic / oily (protective coating).

**10 STABILITY AND REACTIVITY**

Stable under normal conditions but when subjected to high temperatures fumes are produced.

**11 TOXICOLOGICAL INFORMATION**

- Inhalation** Dry grinding or machining may produce dust of the same composition as the coating and base metal. Welding or flame cutting may produce fumes containing oxides of zinc and iron, and also break down products of protective coating. Potential effects on health include metal fume fever, a condition similar to influenza.
- Skin contact** Prolonged contact may cause irritation and may lead to dermatitis.
- Eye contact** None in normal use.
- Ingestion** Not applicable.

**12 ECOLOGICAL INFORMATION**

Stable product with no known adverse environmental effects.

**13 DISPOSAL CONSIDERATIONS**

Dispose at an authorised landfill site in accordance with the Waste Management Licensing Regulations.

**14 TRANSPORT INFORMATION**

Not classified as hazardous for transport.

**15 REGULATORY INFORMATION**

Not classified under the CHIP regulations.

**16 OTHER INFORMATION**

Control of Substances Hazardous to Health Regulations.  
The Manual Handling Operations Regulations.

The British Gypsum **White Book**  
The British Gypsum **SiteBook**

No warranty is hereby expressed or implied.

**Note to User:**

This Safety Data Sheet does not constitute a workplace risk assessment.

**Date of previous version:** June 2001.

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British Gypsum reserves the right to revise product specification without notice. The information given is correct to the best of our knowledge at the time of publication, but it is the users responsibility to ensure it remains current prior to use. The enclosed information should not be read in isolation as it is meant only as guidance for the customer, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of a job. We advise that you read and familiarise yourself with all the information contained in this literature prior to the commencement of the work or specification. For further details please refer to our Health and Safety Guidance Sheet which is available on request.

For a comprehensive and up to date library of information visit our website at: [www.british-gypsum.com](http://www.british-gypsum.com)

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