



Gyproc ThermaLine PIR

Material Safety Data Sheet

Health and Safety

1. Identification of the substances / preparation and company

Gyproc ThermaLine PIR
Supplier

British Gypsum
East Leake
Loughborough
Leicestershire
LE12 6HX

Telephone
Email

0844 800 1991
bgtechnical.enquiries@bpb.com

Recommended uses: Gyproc thermal laminates are used as thermal or sound insulating internal linings in buildings.

This information reflects typical values and is not a product specification.

2. Hazards identification

THE MOST IMPORTANT HAZARDS ARE:

This product is not classified as dangerous according to CHIP.

Dust from mixing or sanding may irritate the respiratory system, skin and eyes.

3. Composition / information on ingredients

General composition: Calcium sulphate dihydrate encased in paper liners with a thermal laminate bonded to the back. Natural plasterboard constituents may include clay and minor amounts of quartz. Small quantities of chopped glass fibre, microsilica and vermiculite may be added, with starch, foam and dispersants.

Gyproc ThermaLine PIR has a rigid polyisocyanurate foam laminate, backed on both sides with a multi-layer vapour control layer.

4. First aid measures

- Eye contact** S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Skin contact** S28 - After contact with skin, wash immediately with plenty of soap and water.
- Ingestion** S62 - If swallowed, do not induce vomiting, seek medical advice immediately and show this document.
S64 - If swallowed, rinse mouth with water (only if the person is conscious).
- Inhalation** S63 - In case of accident by inhalation, remove casualty to fresh air and keep at rest.
- General** Get medical attention if any symptoms persist.

5. Fire fighting measures

The product does not pose a fire hazard. However, some packaging materials or facings may burn.

The flame retarded insulating plastics are combustible if exposed to a sustained source of ignition. The flammability hazard increases when it is in dust form.

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

6. Accidental release measures

Not applicable.

7. Handling and storage

Use – Minimise dust generation when sawing or sanding in poorly ventilated places. Avoid eye contact - see Section 8 for recommended personal protective equipment and Section 3 for hazards identification.

Plasterboards will not support body weight between rafters, joints or frame members.

Fixers must work from an independent support system.

Manual handling – Sheets of plasterboard can be unwieldy, use an appropriate lifting technique. The weight of each sheet can vary between products. For manual handling purposes assume the following:

Gyproc ThermaLine PIR weights

Board thickness mm	Board width mm	Board length mm	Board weight kg	Pallet weight tonnes
38	1200	2400	27.1	0.65
53	1200	2400	28.2	0.51
63	1200	2400	29.1	0.44
78	1200	2400	30.2	0.36
93	1200	2400	31.4	0.31

NB All weights are approximate.

Mechanical handling – The dimensions of the pallet vary depending on the product size. To avoid potentially overloading a lift truck, it is important that any effect on load centre is considered. The nominal weight of each palletised load is given within the weights table in this section of this document.

Storage – Store on pallets supplied in dry conditions. To maintain stability, place pallets on firm level ground, and ensure that stacks are both level and vertical.

NB When working with individual boards, only work from a single pallet, not a stack.

Health and Safety (continued)

Pallet stacking heights

The maximum stack heights on level concrete floors and vertical stacks are as follows:

Board width mm	Board length mm	Pallet stack height packs
1200	2400	6

8. Exposure control / personal protection

Workplace exposure limit

Substance	Total inhalable	Respirable
Plaster	10mg/m ³ 8hr TWA	4mg/m ³ 8hr TWA
Quartz (silica)	–	0.1mg/m ³ 8hr TWA
Man Made Mineral Fibres (MMMMF)	5mg/m ³ 8hr TWA (gravimetric method)	–

Personal protection

Respiratory S51 - Use only in well ventilated areas.
S39 - Wear eye / face protection.
Face masks to *EN 149 FFP2*.

Skin S36 - Wear suitable protective clothing.

Eye S39 - Wear eye / face protection.
Eye protection to *BS EN 166*.

9. Physical and chemical properties

Appearance Flat sheet boards in different widths and thicknesses, with a square or tapered edge.

10. Stability and reactivity

No special physical conditions need to be avoided. No specific restrictions regarding incompatible materials.

11. Toxicology information

No known toxicological effects.

12. Ecological information

Stable product with no known adverse environmental effects.

13. Disposal consideration

Waste from gypsum plasterboard products is normally classified as 'non-hazardous, non-inert', is fully recyclable and is classified as EWC 17 08 02.

Please refer to the British Gypsum Plasterboard Recycling Service literature or contact the Plasterboard Recycling Customer Service Centre on 0800 6335040 for details. Other methods of disposal are available.

Always seek the advice of a trained and competent professional.

14. Transport information

Not classified as hazardous for transportation.

15. Regulatory information

Not classified under the CHIP regulations.

16. Other information

Control of Substances Hazardous to Health Regulations
The Manual Handling Operations Regulations
HSE Guidance Note EH40: Workplace Exposure Limits
Gypsum Wastes – Environment Agency Information Sheet
The British Gypsum WHITE BOOK
The British Gypsum SITE BOOK
The British Gypsum website: www.british-gypsum.com
Plasterboard Recycling Scheme: www.british-gypsum.com/PRS

Note to user: This Safety Data Sheet does not constitute a workplace risk assessment for COSHH.

There are a number of situations where the approach to manual handling of British Gypsum products should be considered. For further guidance, please refer to the Manual Handling Section of THE SITE BOOK or the Manual Handling Guide, available to download from www.british-gypsum.com.

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British Gypsum reserves the right to revise product specification without notice. The information herein should not be read in isolation as it is meant only as guidance for the user, 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 work. For a comprehensive and up-to-date library of information visit the British Gypsum website at: www.british-gypsum.com For information about products supplied by Artex Limited or Saint-Gobain Isover please see their respective websites.

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Telephone: 0844 800 1991

Fax: 0844 561 8816

Email: bgtechnical.enquiries@bpb.com

Training enquiries: 0844 561 8810



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