



Gyprex® is a vinyl-faced gypsum tile with aluminium foil backing used with Gypframe T lay-in ceiling grid system. It has a fine texture and wipeable surface finish.

### Characteristics

- Suitable for wet areas where moisture resistance is required
- Lightweight and easy installation
- Easy access for maintenance
- Aesthetic finish
- Easy to clean

### Applications

Suitable for use on the following areas:

- Bathrooms
- Kitchens
- Hospitals
- Commercial buildings
- Residential buildings

### Product performance

<b>Core</b>	Gypsum board manufactured as per BS EN 520
<b>Reaction to fire</b>	Class A in accordance with ASTM E84
<b>Moisture resistance</b>	Suitable for use in areas up to 90% relative humidity. Sag resistant when tested to ASTM C367
<b>Maximum temperature</b>	Up to 52°C
<b>Formaldehyde emission</b>	Meets Class E1 requirement for formaldehyde in accordance with BS EN 717-1

### Product information

Thickness (mm)	9		12	
Tile modular size (mm)	600 x 600		600 x 600	1200 x 600
Tile actual size (mm)	595 x 595		595 x 595	1195 x 595
Weight (kg/m <sup>2</sup> )	6.35		8.30	
Tiles per carton	10		8	
Weight per carton (kg)	23		24	48
Edge Type	Square Edge			
Colour	White			
Face finish	Fine texture, unperforated vinyl			
Back finish	Aluminium foil			

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

#### Gyprex tiles

Supplier Saint-Gobain Gyproc Emirates Industries LLC  
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 United Arab Emirates  
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Recommended uses: Gyprex tiles are used as internal ceiling linings in buildings.

#### 2. Hazards identification

The product is not classified as hazardous under the CLP regulations. Dust from sawing or sanding may irritate the respiratory system, skin and eyes.

#### 3. Composition / Information on ingredients

Plasterboard: Calcium sulphate dihydrate. Natural constituents may include minor amounts of quartz. Small quantities of chopped glass fibre, microsilica and vermiculite may be added with starch, foam and dispersants.

Polyvinylchloride film: Manufactured from plasticised polyvinylchloride and additives appropriate for processing or use, e.g. thermal & UV stabilisers and pigments.

PET metallic foil film: Polyester or polyethylene terephthalate (PET) is a high-performance, crystal clear or metallized thermoplastic made from ethylene glycol and dimethyl terephthalate (DMT) with appropriate additives, stabilizer and pigments which results in improved gas/moisture barrier properties for demanding applications.

#### 4. First aid measures

Eye contact S26 - Rinse immediately with plenty of water and seek medical advice.  
 Skin contact S28 - Wash immediately with plenty of soap and water.  
 Ingestion S62 + S64 - If swallowed, do not induce vomiting, seek medical advice immediately. Rinse mouth with water.  
 Inhalation S51 + S63 - Only use in well ventilated areas. 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 facing may burn.

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

**5.1 Extinguishing media:** All fire extinguisher are suitable media, observing normal fire fighting practices.

**5.2 Special hazards arising from the article:** Thermal decomposition of the polyvinylchloride film causes release of gas, carbon monoxide & carbon dioxide.

**5.3 Advice for fire fighters:** The plasterboard base of the tile is non-combus

#### 6. Accidental release measures

Not applicable

#### 7. Handling and storage

Use - Minimise and control dust when sawing or sanding tiles and boards in confined spaces.

Manual handling - When manually handling tiles and boards or packs, use correct manual handling techniques according to size, thickness and density.

Storage conditions - Store in dry conditions. Tiles should not be stored on temperatures exceeding 52°C. To maintain stability place pallets on firm level ground and ensure that stacks are both level and vertical.

### 8. Exposure control / personal protection

#### Workplace exposure limit

Substance	Total Inhalable	Respirable
Plaster	10 mg/m <sup>3</sup> 8 hr TWA	4 mg/m <sup>3</sup> 3 hr TWA
Quartz (silica)	0.1 mg/m <sup>3</sup> 8 hr TWA	-
Man Made Mineral Fibers (MMMMF)	5 mg/m <sup>3</sup> 8 hr 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 + S37 - Wear suitable protective clothing and gloves.  
 Eye S39 - Wear eye / face protection.  
 Eye protection to BS EN 166.

### 9. Physical and chemical properties

Appearance: Flast sheet tiles with decorative vinyl laminated to the surface with aluminium foil backing.

### 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. The polyvinylchloride film is unsuitable for incineration unless the incinerator is designed to handle corrosive flue gases.

### 13. Disposal considerations

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

If you would like to recycle Gypsum plasterboard waste, we at Gyproc offer Gypsum recycling services and are happy to take segregated waste from your site. Please refer to the Gyproc® Plasterboard Recycling brochure. Always seek advice of a trained and competent professional. Off-cuts, where appropriate, can be used as noggings to reduce or remove recycling requirement. Alternatively, Plasterboard waste can be disposed off at an authorized landfill site in accordance with the local waste management regulations.



### 14. Transport information

Not classified as hazardous for transportation.

### 15. Regulatory information

Not classified as hazardous under the CLP regulations.

### 16. Other information

Control of Substances Hazardous to Health Regulations (COSHH)  
 The Manual Handling Operations Regulations  
 HSE Guidance Note EH40: Workplace Exposure Limits  
 Gypsum Wastes - Environment Agency Information Sheet  
 Gyproc Middle East **WHITE BOOK**  
 Gyproc Middle East website: [www.gyproc.ae](http://www.gyproc.ae)

**Note to user:** This safety datasheet does not constitute a workplace risk assessment for COSHH.

There are a number of situations where the approach to manual handling of Gyproc® products should be considered. For further guidance, please refer to the Manual Handling Section of The White Book, available to download from [www.gyproc.ae](http://www.gyproc.ae)

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