

Plasterboards

1. Identification Of The Substance Or Preparation And Company

Gypsemna Regular (RG)	Gypsemna Moisture Resistant Fire Wall (MRFW)	Gypsemna Glass Mat (GM)
Gypsemna Moisture Resistant (MR)	Gypsemna Moisture Resistant Fire Wall Core (MRFWC)	Gypsemna Anti Echo (AE)
Gypsemna Mold and Moisture Resistant (MMR)	Gypsemna Tuff (TF)	Gypsemna Dura Cem (DC)
Gypsemna Fire Wall (FW)	Gypsemna Sound Protect	

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2. Composition / Information Of Ingredients

General Composition:

Plasterboard: Calcium sulphate dehydrates encased within paper liners. Additionally nominal amounts of additives such as: starch, foaming agent and dispersants.

- Gypsemna Anti Echo Board and Gypsemna Mold and Moisture Resistant board: also contains some glass fibre.
- Gypsemna Fire Wall , Gypsemna Moisture Resistant Fire Wall board, Gypsemna Moisture Resistant Fire Wall Core board , Gypsemna Tuff board and Gypsemna Glass Mat board: also contains some glass fibre and vermiculite.
- Gypsemna Moisture Resistant board, Gypsemna Mold and Moisture Resistant board, Gypsemna Moisture Resistant Fire Wall board, Gypsemna Moisture Resistant Fire Wall Core board and Gypsemna Glass Mat board: also contains some wax.

3. Hazards Identification

These products are defined as non-hazardous
Sawing and sanding of plasterboard will generate gypsum dust, which may irritate skin, eyes and the respiratory system.

4. First Aid Measures

Inhalation: Remove person to fresh air.

Skin contact: Rinse using clean water and then wash using soap & water.

Eye contact: Wash with clean water and seek medical advice if irritation persists.

Ingestion: Wash out month and drink plenty of clean water

Please note: Should any symptoms persist obtain medical assistance.

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Plasterboards

5. Fire Fighting Measures

Plasterboard has limited combustibility; however paper facings and packaging may burn.
All standard fire extinguishers are suitable, using normal fire fighting procedures.

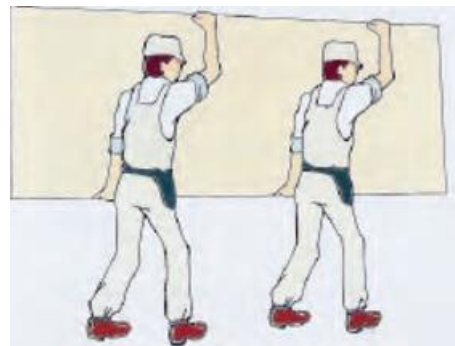
6. Accidental Release Measures

Prevent these products from contaminating drains, watercourses, ground or soil.

7. Handling And Storage

When manually handling plasterboards, give consideration of the correct manual handling technique to avoid risk of injury, two persons should carry one plasterboard as shown below.

When moving packs of plasterboard, these should be moved using a fork lift truck or hydraulic trolley, care should be taken to ensure that the machinery is safely capable of such movements and that the operator is trained and competent. Plasterboard should be stored in dry flat conditions, if supported on bearers these should not exceed 400mm maximum centres. Plasterboard is not a suitable product to be used as a platform or deck, it will not support body weight and therefore it is important that installers use an independent support mechanism.



8. Exposure Controls / Personal Protection

Occupational Exposure Limits taken from EH40/94 Occupational Exposure Standard (OES)

Substance	Total inhalable	Total respire able
Gypsum	10 mg/m ³	4 mg/m ³
Limestone	10 mg/m ³	4 mg/m ³

Maximum Exposure Limit (MEL) (based on 8 hour TWA period)

Substance	MEL
Quartz	0.3 mg/m ³
Man Made Mineral Fibre	5 mg/m ³

Personal protection

Respiratory: Area should have adequate ventilation and dust extraction, if not a dust mask is recommended.

Eye: Safety glasses are recommended when dust is likely to occur.

Skin: Wear overalls and suitable clothing to avoid repeated skin contact.

Hands: To limit the effect wear protective gloves.

Note: Safety equipment should be in accordance with International or local standards.

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Plasterboards

9. Physical And Chemical Properties

Appearance

Paper faced flat sheet that are available in a range of thicknesses, widths and lengths, with edge profiles being either square or tapered edged. Paper colour varies depending on board type.

Weights defined for reference

Board Type	Thickness (mm)	Weight (Average) Kg/m ²
Gypsemna Regular (RG)	12.5	8.6
	15	11.4
Gypsemna Moisture Resistant (MR)	12.5	8.6
	15	11.4
Gypsemna Mold and Moisture Resistant (MMR)	13	8.60
	16	11.40
Gypsemna Fire Wall (FW)	12.5	8.60
	15	11.40
Gypsemna Moisture Resistant Fire Wall (MRFW)	12.5	8.60
	15	11.40
Gypsemna Moisture Resistant Fire Wall Core (MRFWC)	25	21.6
Gypsemna Sound Protect (SP)	12.5	
	15	
Gypsemna Anti Echo (AE)*	12.5	
	15	
Gypsemna Glass Mat (GM)	13	
	16	
Gypsemna Dura Cem (DC)	12	
	15	

* Anti Echo board
Depending on board, perforations, board weight may be lower than the figure shown.

10. Stability And Reactivity

Stable and non reactive with other building materials.

11. Toxicological Effects

No known toxicological effects.

12. Ecological Information

Stable product with no known adverse effect.

13. Disposal Considerations

Authorised landfill site in accordance with Middle East requirements

14. Transport Information

Not classified as hazardous for transport.

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Metal Selections

1. Identification Of The Substance Or Preparation And Company

Gypsemna Rondo Metal Section

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2. Composition / Information Of Ingredients	Mild steel sections coated with zinc electrolytic process or hot dip galvanised process. The sections may have a protective film of a roll forming hydrocarbon (oil/paraffin etc) lubricant or a residue or cutting fluid.
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3. Hazards Identification	These products are not classified as hazardous. There is a risk of cuts and abrasions from sharp edges or protrusions when handling metal sections and also when they have been fitted to floors and walls but have not yet had plasterboard fitted to them. There is also a risk from tensioned bandaging. Due to the residue of lubricant/rust inhibitors, frequent handling may cause skin problems. Irritant fumes evolved during any welding or mechanical cutting can cause metal fume fever.
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4. First Aid Measures	Inhalation of dust/ fumes: Remove person to fresh air. Skin contact with dust/ surface agents: Rinse using clean water and then wash using soap & water. Eye contact with dust/surface agents: Wash with clean water for 10 minutes and obtain medical advice if irritation persists. Ingestion of dust/fumes: Wash out mouth and drink plenty of clean water. Do not induce vomiting.
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Please note: Should any symptoms persist obtain medical assistance.

5. Fire Fighting Measures	Although metal sections are non-flammable, the protective coating or lubricant may be flammable. This should be extinguished with carbon dioxide, dry powder, foam, sand, earth or plaster.
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6. Accidental Release Measures	Control and collect any metal dust, sweep up and shovel into bags.
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7. Handling And Storage	Safety glasses should be worn when using hand or mechanical tools. Gloves should be worn when handling metal sections to avoid risk of lacerations. Sections which are fixed to the floor/wall may have sharp edges exposed, so care should be taken to protect people from accidental contact. Sections supplied in bundles, small packs and strapped together in large packs for forklift truck off-loading, should be stacked in a safe and stable manner. Bands or straps should not be used for lifting. Coils/metal sections may spring apart when banding is released. Installer must work from an independent support system as metal sections are not designed to support body weight.
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Metal Selections

8. Exposure Controls/ Personal Protection

**Occupational Exposure Limits taken from EH40/94
Occupational Exposure Standard (OES)**

Substance	Total inhalable	Total respire able
Iron Oxide	5 mg/m ³	10 mg/m ³
Limestone	5 mg/m ³	10 mg/m ³

Personal protection

Respiratory: If fume or dust is produced, ventilate the area of storage or work. When welding, flame cutting or grinding, wear approved respiratory equipment.

Eye: When cutting tensioned banding, wear safety goggles to protect eyes.

Hands: To limit the risk of lacerations, wear safety gloves when handling or cutting.

Skin: When handling sections, wear overalls and suitable clothing.

Note: Safety equipment should be in accordance with international or local standards.

9. Physical And Chemical Properties

Appearance: Metal sections in various lengths, thickness and formations.
Odour: Paraffin/oily (protective coating).

10. Stability And Reactivity

Stable under normal conditions. When subjected to elevated temperatures, fumes are produced.

11. Toxicological Effects

Dry grinding and machining will produce dust, which is of the same composition as the coating and base metal. The primary mode of entry into the body is by inhalation. Excessive airborne concentrations over a long period of time may have a long-term effect on the worker, particularly affecting the lungs. Fumes that are produced by elevated temperatures, such as welding or flame cutting, will contain oxides of zinc and iron and also breakdown any protective coating if present. Potential effects include metal fume fever, a condition similar to influenza. Prolonged skin contact may cause irritation and may lead to dermatitis.

12. Ecological Information

No known harmful effects.

13. Disposal Considerations

Authorised landfill site in accordance with Middle East requirements

14. Transport Information

Not classified as hazardous for transport.

15. Accidental Release Measures

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Paper Tape

1. Identification Of The Substance Or Preparation And Company

Gypsemna Paper Tape
Gypsemna Corner Tape

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2. Composition / Information Of Ingredients *General composition:*
Rigid Polyvinyl Chloride, Cellulose, Lapenus Fibres, Fibre Glass.

3. Hazards Identification None identified.

4. First Aid Measures None applicable.

5. Fire Fighting Measures If forced to burn by another source, product releases traces of hydrogen chloride and other irritating fumes. Fire fighters are recommended to use self-contained breathing apparatus.

6. Accidental Release Measures None applicable.

7. Handling And Storage Tapes must be stored in dry conditions

8. Exposure Controls/ Personal Protection None identified

9. Physical And Chemical Properties **Appearance:** White semi-rigid tape on roll.
Specific gravity: 1.3-1.5
Insoluble product.

10. Stability And Reactivity Stable and non reactive with other building materials.

11. Toxicological Effects No known toxicological effects.

12. Ecological Information Not readily biodegradable.

13. Disposal Considerations Authorised landfill site in accordance with Middle East requirements

14. Transport Information Not classified as hazardous for transport.

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1. Identification Of The Substance Or Preparation And Company

Handy Coat Jointing Compound
Exceed Bond Compound

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2. Composition / Information Of Ingredients

General Composition:

Calcium sulphate hemihydrate and limestone. May include minor amounts of quartz. Jointing products may include small amounts of binders and workability additives.

3. Hazards Identification

These products are defined as non-hazardous. Dust/powder may irritate the skin, eyes and respiratory system.

4. First Aid Measures

Inhalation: Remove person to fresh air.

Skin contact: Wash skin thoroughly with soap and clean water, obtain medical advice if irritation occurs.

Eye contact: Wash eyes with clean water and seek medical advice if irritation persists.

Ingestion: Wash out mouth and drink plenty of clean water. Do not induce vomiting.

Please note: Should any symptoms persist obtain medical assistance.

5. Fire Fighting Measures

Products are fire resistant, though packaging may burn. All standard fire extinguishers are suitable, using normal fire fighting procedures.

6. Accidental Release Measures

Prevent these products from contaminating drains, watercourses, ground or soil as a powder or slurry.

Brush dry spillages. Shovel as appropriate and bag for disposal taking care not to raise excessive dust. Wet spillages should be contained and absorbed with sand or earth then scraped and cleaned up.

Hot water and detergent can be used to clean residues.

7. Handling And Storage

When manual handling care should be taken to lift bags correctly. One person should only carry 1 bag at a time to minimize risk of injury.

Wear suitable clothing and gloves when handling products and avoid prolonged contact with skin. Products are supplied in bags and packed together in large packs for forklift truck off loading. Re-stack bags in a safe and stable manner. Bags nominally weight 20kg

Bags must be stored in dry conditions and protected from humid conditions.

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Jointing Compound and Adhesive

8. Exposure Controls/ Personal Protection

*Occupational Exposure Limits taken from EH40/94
Occupational Exposure Standard (OES)*

Substance	Total inhalable	Total respire able
Plaster	10 mg/m ³	4 mg/m ³
Limestone	10 mg/m ³	4 mg/m ³
Mica	10 mg/m ³	0.8 mg/m ³

Maximum Exposure Limit (MEL) (based on 8 hour TWA period)

Substance	MEL
Quartz	0.3 mg/m ³

Personal protection

Respiratory: Area should have adequate ventilation and dust extraction, if not a dust mask is recommended.

Eye: Safety glasses are recommended when dust is likely to occur.

Skin: Wear overalls and suitable clothing to avoid repeated skin contact.

Hands: To limit the effect wear protective gloves when possible.

Note: Safety equipment should be in accordance with international or local standards.

9. Physical And Chemical Properties

Appearance: Dry Powder.

Odour: Odourless

pH: 7 to 11

10. Stability And Reactivity

Stable and non reactive with other building materials.

11. Toxicological Effects

Inhalation of dust may cause short term irritation of the respiratory system. Prolonged contact with skin may lead to dry skin.

No significant reaction will be noticed if small amounts of product are swallowed.

12. Ecological Information

Stable product with no known adverse effects

13. Disposal Considerations

Authorised landfill site in accordance with Middle East requirements

14. Transport Information

Not classified as hazardous for transport.

15. Accidental Release Measures

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1. Identification Of The Substance Or Preparation And Company

Gypsemna Magnum R100

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2. Composition / Information Of Ingredients	General Composition: Limestone and mica based, containing small amounts binders and workability additives. Ready mix products are water based.
3. Hazards Identification	Skin irritation or dryness may be caused by prolonged contact with dust or emulsion. Eyes and respiratory may be irritated by dust from sanding set joints.
4. First Aid Measures	Inhalation: Remove person to fresh air. Skin contact: Wash skin thoroughly with soap and clean water, obtain medical advice if irritation persists. Eye contact: Wash eyes with clean water and seek medical advice. Ingestion: Wash out mouth and drink plenty of clean water. Do not induce vomiting.
<div style="border: 1px solid black; padding: 5px; width: fit-content;">Please note: Should any symptoms persist obtain medical assistance.</div>	
5. Fire Fighting Measures	Products are fire resistant, though packaging may burn. All standard fire extinguishers are suitable, using normal fire fighting procedures.
6. Accidental Release Measures	Prevent these products from contaminating drains, watercourses, ground or soil as a powder or slurry. Wet spillages should be contained and absorbed with sand or earth then scraped and cleaned up. Hot water and detergent can be used to clean residues.
7. Handling And Storage	When manual handling care should be taken to lift buckets correctly. One person should only carry 1 bucket at a time to minimize risk of injury. Wear suitable clothing and gloves when handling products and avoid prolonged contact with skin. Products are supplied in buckets and packed together in large packs for forklift truck off loading. Re-stack buckets in a safe and stable manner. Bucket nominally weight 28kg Bucket must be stored in dry conditions.

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Jointing Compound and Adhesive

8. Exposure Controls/ Personal Protection

*Occupational Exposure Limits taken from EH40/94
Occupational Exposure Standard (OES)*

Substance	Total inhalable	Total respire able
Plaster	10 mg/m ³	4 mg/m ³
Limestone	10 mg/m ³	4 mg/m ³
Mica	10 mg/m ³	0.8 mg/m ³

Personal protection

Respiratory: Area should have adequate ventilation and dust extraction, if not a dust mask is recommended.

Eye: Safety glasses are recommended when dust is likely to occur.

Skin: Wear overalls and suitable clothing to avoid repeated skin contact.

Hands: To limit the effect wear protective gloves when possible.

Note: Safety equipment should be in accordance with international or local standards.

9. Physical And Chemical Properties

Appearance: Wet slurry
Odour: Odourless
pH: 7 to 9

10. Stability And Reactivity

Stable and non reactive with other building materials when stored correctly

11. Toxicological Effects

Excessive dust produced by sanding joints may irritate respiratory system.
Prolonged skin contact may cause irritation and lead to dermatitis.
Splashes may cause irritation to eyes.
Swallowing a small amounts or wet mix should not cause any significant reaction or long term effect.

12. Ecological Information

Aquatic toxicity is not determined but avoid contamination with watercourses.

13. Disposal Considerations

Authorised landfill site in accordance with Middle East requirements

14. Transport Information

Not classified as hazardous for transport.

15. Accidental Release Measures

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