

mada
gypsum
مدى للجبس



PVC FACING GYPSUM CEILING TILES

MADE IN KSA

Part Of





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Mada Gypsum COMPANY

Construction of the MGC Production facilities started at the end of 2006 in Yanbu Industrial City with an investment of SR 130 million. Yanbu Industrial City was chosen because of its important strategic and geographic location in the Kingdom of Saudi Arabia. It is located on the west coast of the Red Sea, near the major port city of Jeddah. In a small period of time MGC has become one of the largest and most diversified Gypsum Company in the MENA region.

MGC started production towards the end of 2007 with an annual production capacity of 150,000 tons of stucco and 10 million m² of Plasterboard. In 2011 the capacity has been increased by 240,000 tons of stucco and 24 million m² of Plasterboard taking the annual Plasterboard manufacturing capacity to 34 million m², one of the largest in the region.

In addition MGC also made significant diversification in the product range by including PVC facing Gypsum Ceiling Tiles, Gypsum Renders, French molding, adhesive and Jointing compound in the product portfolio

This expansion and further diversification have made MGC as one of the regional leader in terms of volume with well diversified product range covering a broad range of our customer's requirement.

Why **Mada**?

- ISO 9001: 2008 certified.
- World Class Manufacturing processes in production.
- Latest state of the art process equipment from Gyptech and Grelbex .
- Quality control system, in-house laboratory.
- Products produced according to American ASTM standards.
- Our products comply with European EN standards.
- Third party laboratories certificates.
- Best product mix of Plasterboard in GCC .
- Own gypsum rock quarry for best raw material quality control.
- Sustainable raw materials and input materials quality control.
- Technical literature to support consultants, architects and specification engineers.
- Specification (drawings) of solution based on customers need.



Mada Gypsum PRODUCTS

Mada Plasterboard

Regular
Fire Resistant
Moisture Resistant
Fire & Moisture Resistant
Acoustical
Impact Resistant
Shaft Board

PVC facing Gypsum Ceiling Tiles

Mada Plaster

Standard Plaster
French Molding Plaster
French Adhesive

Mada Render

Thin Coat Render
Hand Applied Render
Machine Applied Render

Mada Multiuse Jointing Compound

Mada ProCem



Why is **PVC** **FACING GYPSUM** **CEILING TILES** **SO GOOD?**

- Manufactured from Mada Plasterboard which is produced from high quality natural gypsum.
- Light Weight on Structure.
- Fast & Easy Installation.
- Give more spaces & areas.
- Easy maintenance and repair.
- Fast & Easy installation of concealed water & electrical pipes & cables.
- The ideal way to cover Air-conditioning pipes & ducts ceilings & walls.
- Environmental friendly.



TECHNICAL INFORMATION

Product Description:

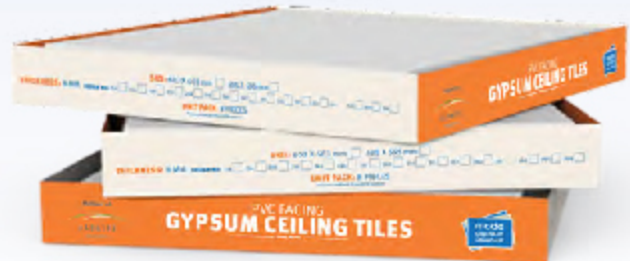
Mada PVC Facing Ceiling Tiles are a combination of Mada Plasterboard produced from high quality natural gypsum, selected PVC facing and PET aluminized foils and excellent kind of glue paste. The product is available in various attractive designs suitable for different applications and usages.

Application:

Mada PVC Facing Ceiling Tiles are used with exposed T-Grid suspension systems in all types of building especially in humid areas. Various patterns are suitable for all architects, designers, contractors and owners. They can be used in all types of residential as well as nonresidential buildings.

Properties:

Washable, sag resistance, durable, easy to access for maintenance, non-dust, thermal insulation, fire resistant, moisture resistant, corrosion resistant, no deviation, elegant, environmental friendly, easy installation, easy to clean, economical and fashionable.



Technical Specifications:

Material: Plasterboard, non asbestos, sulfate free

Surface: High quality PVC

Backside: High quality PET aluminized foil

Dimension: 595 x 595 mm / 603 x 603 mm

Thickness: 7, 8, 9.5, 12.5mm.

Tolerance: Length: ± 1.0 mm, Width: ± 1.0 mm, Thickness: ± 0.5 mm

Edge: Square

Packing: 7mm: 9pcs / 8mm: 8pcs / 9.5mm: 6pcs / 12.5mm: 5pcs in carton wrapped and foiled

NRC: 0.1 - 0.3

Light reflection: 0.75

Standards: Plasterboard are manufactured according to EN-520, ASTM C1396, E84 and E96

Chemical & Microbial: PVC facing and PET aluminized foil provide excellent resistance to chemicals and microbes

Humidity resistance: Up to 95% relative humidity



Design No.:

154



Design No.:

238



Design No.:

247



Design No.:

251

* Other designs maybe available on request



Design No.:

239



Design No.:

244



996

* Other designs maybe available on request

SUSPENDED SYSTEM INSTALLATION

Basic Installation steps:

1. Carefully measure from the floor up to the level at which you want the ceiling. Make a pencil mark at the desired height, then double check your Measurement-allow clearance of minimum 4 inches below the ducts etc. Once you are certain the mark is accurate, use the level to make additional mark around the entire perimeter of the room at the same level as the original mark .This will be your guide for the first bracket installation.
2. Install the perimeter "L" bracket using the mark as your guide. Cut the bracket to the proper length using the tin snips. Keep the cut as clean, straight and neat as possible. Use 2-inch screws to anchor the bracket to the wall studs. The studs should be on 16-inch centers. Many brands will



pre- drill the brackets at the Proper location, making this task easier.

3. Mount all of the perimeter brackets first. Secure each screw in place using the drill. Occasionally Double check the bracket to be certain it is level. If you find it out level, stop and work back until you find where the problem developed, and correct it.



4. Measure out 4- foot intervals from one side of the room to the other. At each four-foot mark you will install an eye –bolt in the overhead ceiling. Securely tie a wire to the eye bolt. The wire should extend down 6-8 inches below the planned level of the ceiling grid.
5. Insert a "T" bracket into the wall "L" bracket at the 4-foot mark. These brackets are designed to easily and securely clip together. Hang a "T" bracket in line with the hanging wires, securing the bracket in place by twisting the wires through the pre-drilled holes. It will be necessary to check the bracket to be certain it is level at each wire connection. Install all main "T" brackets.

6. Install a 4-foot "T" bracket every 2 feet between the wall and the first bracket, and between all other "T" brackets. After completion you will



have a grid of 2-by-4 foot openings. Insert ceiling tiles into each opening, angling them slightly to get them through the opening, then allowing them to rest on the brackets.



7. Install a 2-foot bracket in the pre-drilled hole in the middle of the 4-foot bracket; you will have a grid of 2-by-2 foot opening.

8. Cut the final row of ceiling tiles to the proper length. Unless your room is divisible by four, you will have one odd sized row, which must be custom cut. Carefully measure each opening and cut a ceiling tile to fit. Insert these tiles to complete the grid.

Installation Instructions

- Installation should be executed in dry area.
- Plastering and flooring work should be completed.
- Installation should ideally be performed after the completion of air conditioning duct work and electrical chasing lines.
- Ceiling tiles must be installed first in the grid prior to the completion of interior work.

Things you'll need:

- Tape Measure
- Drill
- 2-inch screws
- Chalk line
- Level
- Metal Snips
- Pliers
- Ceiling Tiles
- "L" wall brackets
- "T" support brackets
- Eye Bolts
- Hanger Wire

Ceiling Tiles

INSTALLATION

Prepare to Install

1. Measure opposite walls of your room in cm. Add 30.48 cm. Divide this number by two. The number you arrive at is the width of the border tile. Jot it down. Repeat the process for the other two walls.
2. Purchase the ceiling tiles. Tiles usually come in 24x24 inch squares. Purchase your other supplies one time.
3. Determine which way the ceiling joists run. Nail the first furring strip perpendicular to the joists along one wall. Put two eight penny nails into the furring strip at each joist. Butt the ends of the furring strip together to create a strip along one wall.
4. Make sure the furring strips are level. Place shims between the furring strip and the ceiling if necessary.
5. Nail the next furring strip 24 inches on centre parallel to the first furring strip. Continue this process until you come to the opposite wall. Nail a furring strip parallel to that wall as well.
6. Set the open boxes of ceiling tiles in the room at least 24 hours before you begin to install them. This gives them a chance to acclimate to the room.



Install the Ceiling Tiles

1. Start in one corner. Cut the corner border piece to fit. Square it.
2. Mark the starting square on the furring strip. Make sure the flanged edges point toward the center of the room. Use a staple gun to attach the corner tile.
3. Put up the next tile along the border. Staple it in place. Now place a ceiling tile on the other leg of the corner. Staple it.
4. Set the first full ceiling tile in place. Butt it in place next to the three tiles already in place.
5. Continue to work from both angles of the corner and out into the room. Cover the entire ceiling with ceiling tiles. Nail the last row of ceiling tile directly to the furring strip if the staple gun doesn't reach into that tight of a spot.
6. Measure and cut the molding strips to fit. Stain the strips. Use the meter box and saw to meter the corner pieces. Use the finishing nails to nail the molding into place.

Things you'll need

- Utility knife
- Square
- Staple gun
- Staples
- Molding strips
- Stain
- Miter box
- Saw
- Finishing nails
- Safety glasses



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My Notes



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