

## Hoff-GM Moisture Resistant Gypsum Boards (MR)

Hoff-GM Moisture Resistant Gypsum Boards (MR) are gypsum wallboards specially designed to offer superior moisture resistance performance when used in drywall partitions, shaftwalls, ceilings and lining systems.

### Hoff-GM Moisture Resistant Gypsum Board TIS 219/2552 ASTMC 36

#### Product Description

Hoff-GM Moisture Resistant Gypsum Boards (MR) are gypsum wallboards specially developed to offer a superior moisture resistance performance when used as cladding for drywall partition, ceilings and lining systems.

#### Fields of Application

Hoff-GM Moisture Resistant Gypsum Boards (MR) are high performance gypsum boards used as cladding components for drywall constructions such as:

- Moisture rated partitions using metal frames
- Moisture rated suspended ceilings using metal frames
- Moisture rated furring and wall linings
- Moisture rated shaftwalls

#### Properties

- Lightweight constructions.
- Easy, fast and dry application
- Good sound insulation performance
- High moisture protection performance
- Contains glass fibre additives to maintain the integrity of boards for longer time periods than standard boards when exposed to moisture
- A material that breathes and balances room climate and humidity levels
- Environmental friendly
- Limitless design options

Description	Width (mm)	Length (mm)	Weight (kg/m <sup>2</sup> )	Appearance	Standard Board Type
Hoff-GM Moisture Resistant Gypsum Board (MR)	1200	2400 or 3000	7.5kg	Green Paper Face Green reverse side Paper	ASTMC 36 TIS 219-2552
<b>Edge Detail:</b> Square Edge (SE)			Asbestos content: None		
Tapered Edge (TE)			Asbestos content: None		
Density: <800kg/m <sup>3</sup>			*Special sizes are available upon request.		

## Technical Data

Parametres	Spec	Solution
Width:	1200+2.0	1200mm.
Length:	2400+4.0	2401 mm
Thickness:	12.0+05	12.02 mm
Rectangularity:	<0.25 %	0.10%
Edge Taper Width (Left/Right):	30-35	31/32 mm.
Edge Taper Depth (Left/Right):	08-2.3	1.0/1.2 mm
Breaking load (MD):	≥512	535 N.
Breaking load (CD):	≥200	224 N.
Nail pull:	≥330	347 N.
Edge straightness:	<2	1.0 mm.
Deflection (mm):	<10	5.5 mm
Paper to core board:	Good	Good
Surface appearance:	-	Clear and Smooth
% Moisture resistant:	<5	4.1%
Core cohesion at high temperature:	-	-

### Application and Installation

#### Cutting

This product may be cut using plasterboard saw or by cutting with a sharp knife and snapping the board over a straight edge. Holes for switch or socket boxes should be cut out before the boards are fixed using utility saw or sharp knife. When cutting boards, power and hand tools should be used with care and in accordance with the manufacturers' recommendations. Power tools should only be used by people who have been instructed and trained to use them safely. Appropriate personal protective equipment should be used.

#### Fixing

Fix boards with decorative side out to receive joint treatment or a skim plaster finish. Lightly put boards together. Never force boards into position. Install fixings not closed than 13mm from cut edges and 10mm from bound edges. Position cut edges to internal angles whenever possible, removing paper burrs with fine sandpaper. Stagger horizontal and vertical board joints between layers by a minimum of 600mm. Locate boards to the centre line of framing where this supports boards edges or ends.

### Plastering

The face (Green) of Hoff-GM Moisture can be plastered with either Thistle Board Finish or Thistle Multi-Finish. There should be a minimum delay between completion of the lining and the commencement of plastering.

### Jointing

Hoff-GM jointing materials produce durable joint reinforcement and a smooth, continuous crack-resistant surface ready for priming and final decoration. A number of jointing specifications are available to suit the board type, method of application, and site preference.

### Decoration

After the joint treatment has dried, decoration, including any decorator's preparatory work, should follow with the minimum delay.

### Other information


Visit [www.hoffdecorng.com](http://www.hoffdecorng.com)

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