



ISO 9001:2015  
No.: 92200062



ISO 14001:2015  
No.: 142200063



ISO 45001:2018  
No.: 452200064



## DESCRIPTION

Gboard<sup>®</sup> RG is a regular plasterboard ideal for general drywall and ceiling applications. It is a flexible gypsum board as it can accommodate any indoor architectural design.

It is composed of the best quality gypsum, extracted straight from our quarries, and processed using the best ecological practices.

All materials are certified based on ASTM and EN standards and tested in approved laboratories.



## APPLICATIONS

- Drywall partitions
- Suspended ceiling systems
- Wall lining
- Commercial or residential buildings
- Prefabricated constructions
- Malls, lounges, shops

## FEATURES

- Easy and dry installation
- Eco-friendly, recyclable
- Lightweight
- No cracking
- Versatile
- Durable



Durable



Eco-friendly






No cracking



Lightweight

## PROPERTIES

| SURFACE FINISHING                                    | EDGE TYPES  | STANDARDS   | DIMENSIONS   |
|--|---|-------------|--|
| Painted (water or oil base paint)                    | Squared edge<br> | ASTM C 1396 | Width 1200mm, 1220mm                                 |
| Cladding (wallpaper, vinyl, wood...)                 | Tapered edge<br> | ASTM C 473  | Length 2000mm, 2400mm, 2440mm, 2500mm, 3000mm        |
| Joint filling with Gcoat™ All Purpose Joint Compound | Beveled edge<br> | ASTM C 518  | Thicknesses 8.0mm, 9.5mm, 12.5mm, 15mm, 15.9mm, 18mm |

\*Varying dimensions available upon request

## PHYSICAL SPECIFICATIONS

| SPECIFICATIONS                    | UNIT              | VALUE  | STANDARD    |
|-----------------------------------|-------------------|--------|-------------|
| Thickness                         | mm                | 12.5   | ASTM C 1396 |
| Density                           | Kg/m <sup>3</sup> | 705.95 | ASTM C 1396 |
| Weight per unit area              | Kg/m <sup>2</sup> | 8.76   | ASTM C 1396 |
| Tolerance of length               | mm                | 2401   | ASTM C 1396 |
| Tolerance of width                | mm                | 1200   | ASTM C 1396 |
| Tolerance of thickness            | mm                | 12.5   | ASTM C 1396 |
| Depth of taper                    | mm                | 1.23   | ASTM C 1396 |
| Width of taper                    | mm                | 42.57  | ASTM C 1396 |
| Squareness of edges               | mm                | 1.7    | ASTM C 1396 |
| Core hardness                     | N                 | 192    | ASTM C 1396 |
| Edges hardness                    | N                 | 144    | ASTM C 1396 |
| Ends hardness                     | N                 | 200    | ASTM C 1396 |
| Flexural breaking load long edge  | N                 | 517    | ASTM C 1396 |
| Flexural breaking load short edge | N                 | 211    | ASTM C 1396 |
| Nail pull strength                | N                 | 363    | ASTM C 1396 |
| Bending radius                    | mm                | 1875   | ASTM C 1396 |
| Humidified deflection             | mm                | 1.4    | ASTM C 1396 |
| Thermal conductivity              | w/m.k             | 0.1839 | ASTM C 518  |

## RECOMMENDATION

- Cutting and scoring are completed from the front face of the board.
- Use phosphate plated self-tapping screws with a metal frame <0.7mm for board fixing.
- Use phosphate plated self-drilling for a metal frame >0.7mm for board fixing.
- Vertical screw spacing for the first layer of gypsum is 25cm, 50cm for the second, and 75cm for the third.
- It is recommended to use Gcoat™ All Purpose Joint Compound to treat joints or for skim coating.

## STORAGE AND HANDLING

- Avoid contact with moisture or temperatures higher than 50°C for prolonged periods of time.
- Store in a dry/ventilated area above ground level (not in direct contact with the ground).
- Cover the boards with plastic sheets.
- Avoid direct rain or sunlight.
- Avoid cracking or damaging the boards during installation.

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All specifications reflect averages derived from product sample testing and are provided as guidance only. They are subject to inherent variances and may be changed without notice to improve reliability, function, or design or otherwise.

Manufactured according to ASTM & EN standards by ASK Gypsum Factory Ltd.