



# BRG

## FIBERTEC FIBROUS PLASTERBOARD

BRG FIBERTEC Fibrous Plasterboard is made of gypsum plaster reinforced with strands of fiberglass evenly distributed throughout the product, approximately 2.5-3% of its mass or at the ratio of 370 Grams per Square Meter and with the density of the board fiber between 850 to 950kg/m<sup>3</sup>. It does not contain Asbestos or Other inorganic materials. BRG FIBERTEC Fibrous Plasterboard Ceiling has been widely used by Architects and Builders because of its flexibility of molding into various shapes and sizes according to different challenging design requirements. With its flexibility and non-combustible nature, BRG FIBERTEC Fibrous Plasterboard combines superb surface quality with the additional strength of Fiberglass Reinforcement.



# BRG FIBERTEC PRODUCT PROPERTIES

## Appearance

Smooth white in color, slightly rough texture on the reverse. Surface ideal for all types of decorative finishes, including Paint and Wall Paper.

## Thickness/ Size

BRG FIBERTEC Fibrous Plaster Board comes in various thicknesses from 9mm, 12mm or special requirements from client. Standard Size For Each board is 1830mm x 1220mm.

## Nominal Density

The Product has a Density Of 850kg/m<sup>3</sup> ±10%.



## Fire Resistance

BRG FIBERTEC Fibrous Plasterboard is non-combustible complying with the Building Fire Code. Tested in accordance with BS 476 Part 4 : 1970 "Fire test on Building Materials and structures-Non-Combustibility Test for Materials".



## Moisture Resistance

For Moisture Resistance , an approved silicon additive is added to the gypsum to forge a close knit crystalline gypsum particle, reducing porosity that has a water moisture repellent surface. Attaining the requirement under water absorption test BS 1230 Part 1 : 1985



## Flexibility

BRG FIBERTEC Fibrous Plasterboard can be moulded to allows fabrication flexibility to various design patterns, shapes and sizes to architectural applications.

## TECHNICAL DATA

BRG FIBERTEC Fibrous Plasterboard is made of gypsum plaster reinforced with strands of fiberglass evenly distributed throughout for additional reinforcement strength, approximately 2.5% - 3% of its mass or at the ratio of 370 grams per Square Meter and with the density of the board between 850 to 950kg/m<sup>3</sup>. Finish Surface Is Smooth White in color, with a slightly rough texture on the opposite side.

SPECIFICATION AND PROPERTIES		TEST STANDARDS	
Density	Normal Dry Density	850 to 950kg/m <sup>3</sup>	
Size	Thickness	9mm, 12mm or others (1220mm x 1830mm)	
Water Absorption	At 20 ± 2°C for 2 hr	Avg 0.8%	BS 1230 : Part 1 : 1985 (Max 5%)
Fire Performance		Non-combustible	BS 476 Part 4 : 1970

