

# Curvable Fiber Gypsum Boards

## FG Board (Noncombustible) NM-2967



### Create beautiful curved designs with this noncombustible board

Although gypsum-based, this revolutionary noncombustible board can be used to create curved surfaces. (Use 5, 6, and 8 mm products for curved installation. Refer to the chart at right for curvature guidelines.) Flexible yet strong, it can easily be bent to follow an extremely tight curvature radius. This characteristic opens up a wide range of interior design possibilities. Other advantages include toughness and excellent sound insulation properties. FP-FG Board (6 mm) has been added to the product lineup for use in high sound-insulating, fire-resistant partition walls while allowing for curved installation.

#### Standard Dimensions

Thickness	mm	4 ±0.3	5 ±0.3	6 ±0.4	8 ±0.4	10 ±0.5	12 ±0.5
Width × Length	mm	910×1820	910×1820 910×2420	910×1820			
Standard weight	kg/m <sup>2</sup>	6.4	8.0	9.6	12.8	16.0	19.3

※Standard product weights are standard values adjusted for moisture absorption ratios.  
 ※FP-FG Board comes only in thickness of 6 mm x 910 x 1820.  
 ※Also allows for perforating, cutting and chamfering.



#### Features

● Can be readily installed using dry or wet methods according to the curvature required.

● **Curvature radius** (Unit : mm)

Thickness	5	6	8	Remarks
Dry	800 or higher	1000 or higher	1200 or higher	Furring strip base
Wet	150 or higher	200 or higher	400 or higher	Surface base
	300 or higher	400 or higher	800 or higher	Furring strip base

- Resistant to expansion and shrinkage due to absorption and desorption, this product offers excellent dimensional stability.
- Can be processed to form curves, but is as tough as flexible boards.
- Product readily supports a wide range of processing methods, including cutting, planing and direct nailing.
- FG Board is also a highly effective interior material in situations that require sound insulation.
- FG Board has been approved by the Minister of Land, Infrastructure, Transport and Tourism as a noncombustible material.

#### Uses

- ◆ Suitable for interior walls, partitions, ceilings, etc., in various types of buildings
- ◆ Ideal for areas in which beautiful curved surfaces are required, such as ceilings, walls and columns