

# FLEXIBOARD®

## Specialty Board



Specification	Feature
Nominal thickness	6.5 mm
Edge Profile	Recessed edge
Paper Colour	Ivory
Nominal Mass	4.1 kg/m <sup>2</sup>
Fire Hazard Properties	Group 1 – as per the NCC Specification S7C4 Fire Hazard Properties – Walls and Ceilings, determined in accordance with AS 5637.1:2015
Combustibility	Non-combustible material as defined in NCC C2D10 Non-combustible building elements
VOC	Less than 0.5 mg/m <sup>3</sup> TVOC
Manufacture	Manufactured in Australia to the requirements of AS/NZS 2588:2018 Gypsum Plasterboard and in accordance with AS/NZS ISO 9001:2015 – Quality Management Systems – Requirements
Application	<ul style="list-style-type: none"> <li>▪ Ideal for convex and concave designs such as curved walls, ceilings, arches and feature panels</li> <li>▪ Surface suitable to a wide range of decorative finishes.</li> </ul>

### Description

Flexiboard is a 6.5 mm thick plasterboard specially formulated for curved surface applications such as curved walls and ceilings, arches and feature panels in both commercial and residential buildings. Suitable for convex and concave surfaces, Flexiboard can be bent to tight radii.

The core is encased in a strong 100% recycled paper liner, with recessed long edges enclosed within a complete paper fold. Flexiboard produces a smooth flush finish when jointed, providing a superior surface that accepts a wide range of decorative finishes.

### Advantages

- Curved surface applications
- Tight bending radii
- Easy handling
- Internal wall and ceiling applications
- Lightweight and easy to install
- Installed on variety of substrates

#### Key



Fire Resistant



Lightweight



Impact Resistant



Mesh Reinforced



Water Resistant



Acoustic Performance



High Impact Resistant



Flexible



Mould Resistant



Echo Reduction



Very High Impact Resistant



Block Basic Radiation



Ultimate Impact Resistant

## Limitations

- Should not be exposed to prolonged temperatures in excess of 52°C
- Not suitable for direct support of heavy loads

## Performance Details

### Flexible

Flexiboard may be applied to timber, steel or masonry substrates making it ideal for construction of curved walls and ceilings, feature partitions, barrel-vaulted ceilings, arches, domes and bulkheads for both commercial and residential applications. Flexiboard must be installed in accordance with the requirements of AS/NZS 2589.1:1997.

Wetting of Flexiboard is only necessary to obtain extremely tight radii or in situations where temperature and humidity are very low.

### Bending Radii

Plasterboard Thickness	Minimum bending radius for plasterboard fixed horizontally
6.5 mm	650 mm – concave 450 mm – convex

## Installation, Jointing and Finishing

Knauf has a comprehensive range of jointing and adhesives compounds in premixed or powder form to meet market needs and varying climatic conditions. Apply appropriate painting system or other finishes as recommended for the required level of finish and application. This product data sheet does not provide plasterboard installation, jointing and finishing details. Refer to Knauf Plasterboard Installation Manual or [knauf.com](http://knauf.com) for further information.

## Indoor, Environment, Quality

Knauf plasterboard products, compounds and adhesives have been independently tested to confirm compliance with Green Star specification limits for VOCs and formaldehyde.

## References

Refer [knaufapac.com/au/flexiboard](http://knaufapac.com/au/flexiboard) for Material Safety Data Sheet, Volatile Organic Compound Emission details and other additional information.

## Safety and First Aid

For detailed safety information, including handling, storage, and first aid guidance, please visit the relevant product page on [knauf.com](http://knauf.com) to access the safety data sheet and additional resources.

## Sustainability

Knauf plasterboards are manufactured from a combination of natural gypsum, and paper liner made from 100% reclaimed and recycled paper waste. Plasterboard waste can be reclaimed and recycled into new plasterboard or reused as soil conditioner.

### Technical Resources



Plasterboard  
Installation  
Manual



CAD Library



eSelector

### Technical Assistance:

TecASSIST™ 1800 811 222

[www.knauf.com](http://www.knauf.com)

### Sales Enquiries:

1800 003 377

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