

Interior Linings

FLEXIBOARD®



Description

Flexiboard® is a 6.5mm 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.

Physical Properties

| Feature | Description |
|------------------------|--|
| Board Thickness | 6.5mm |
| Edge Profile | Recessed edge |
| Paper Colour | Yellow |
| Mass | 4.1kg/m ² (nominal) |
| Sheet Size | Refer to "Plasterboard Range Availability" (knaufapac.com) |
| Fire Hazard Properties | Group 1 – in accordance with BCA Specification C1.10a Fire Hazard Properties – Floors, Walls and Ceilings. |
| Combustibility | Non Combustible material as defined in BCA Deem-to-Satisfy Provisions C1.12 |
| VOC | Less than 0.5mg/m ³ TVOC |

Advantages

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

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 AS2589.1.

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 |
|------------------------|--|
| 6.5mm | 650mm – concave 450mm – convex |

Designer

- Ideal for convex and concave designs such as curved walls, ceilings, arches and feature panels.
- Surface suitable to a wide range of decorative finishes.

Installation

Refer to Knauf website knaufapac.com/au/installation or call TecASSIST™ on **1800 811 222**.

Sustainability

Knauf products 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.

Lightweight plasterboard construction offers the benefits of low embodied energy, non-toxic materials, enhanced indoor air quality, and ease of thermal and acoustic upgrading.

Indoor Environmental Quality

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

Materials

Knauf plasterboard products may contribute to project Life Cycle Assessment (LCA) credits. Plasterboard Life Cycle Inventory (LCI) is available on Building Product Innovation Council website bpic.asn.au

References

Refer knaufapac.com/au/flexiboard for Material Safety Data Sheet, Volatile Organic Compound Emission details and other additional information.