

## MASONITE PEGBOARD



**Masonite™**  
**PEGBOARD**

**Australian**  
**HARDBOARDS**

THE NATURAL CHOICE

## COMPANY OVERVIEW

Australian Hardboards Limited is the sole Australian manufacturer of 100% all natural thin hardboards.

Well established, our greatest strength is our ability to manufacture and supply high quality, environmentally friendly and market driven products both competitively and efficiently.

Servicing the domestic, manufacturing, flooring, signage, commercial, retail, hardware and home building industries, our innovative products and services offer numerous benefits to the specifier, installer and consumer.



## ENVIRO-FRIENDLY

Australian Hardboards products are environmentally friendly, utilising what has been previously regarded as waste material in an ecologically sustainable manner.

This waste material, consisting of sawmill residue and forest thinnings, uses only naturally occurring wood glues (lignins) to bond fibres, eliminating the need for synthetic glues and resins.

In natural timber, the wood fibres are aligned parallel with the grain of the timber. In Masonite™ Pegboard, the wood fibres are rearranged and distributed at random producing a high quality hardboard panel.

## MASONITE™ PEGBOARD

Masonite™ Pegboard is a perforated hardboard panel used extensively in the domestic, retail and shopfitting industries. Originally designed for use as a storage solution, Pegboard is a highly adaptable product and is fully supported with a wide range of system-driven hooks and shelving accessories. Safe to cut and machine, Pegboard is highly durable, has a smooth surface, commercially applied matt white undercoat and offers acoustic benefits.

## BENEFITS

- Complies with the requirements Australian Standard AS 1859.4 Standard Hardboard.
- Circular perforations in a square or diagonal pattern

## APPLICATIONS

- Display panels for the merchandising of goods.
- Storage panels for offices, factories, garden and tool sheds
- Organiser for children's toys and kitchen utilises
- Ceiling for displaying art and mobiles in pre-schools, kindergartens and day care centres
- Functional wall linings to utilise or decorate wall space by hanging artistic work, decorations and merchandise

## PRODUCT DETAILS

THICKNESS	PERFORATION PATTERN	WIDTH mm ± 3mm	LENGTH mm ± 3mm	MASS/UNIT AREA kg/m <sup>2</sup>	HYGRO-EXPANSIVITY*	NO OF SHEETS PER PACK
4.8 ± 0.5mm	Diagonal	1220	1830 2745	4.66	0.25%	50
4.8 ± 0.5mm	Diagonal (DIY)	915	610 1220	4.66	0.25%	100
5.5 ± 0.2mm	Square	1220	2745	5.00	0.25%	50

Surface Coating: Matt white undercoat to face surface of sheets

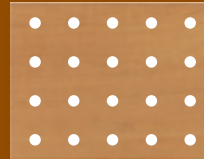
\*Change in face dimensions over 50% to 90% relative humidity.



### DIAGONAL HOLING

Holing Diameter: 4.8mm

Hole Centres: 25.4mm



### SQUARE HOLING

Holing Diameter: 7.1mm

Hole Centres: 25.4mm

## PREPARATION

For best results Masonite™ Pegboard should be moisture conditioned and especially where:

- sheets larger than 1830mm x 1220mm are being used.
  - sheets are to be rigidly fixed.
  - close fabricating tolerances are required.
- 4.8mm diagonal pattern Pegboard should be mist sprayed with water on the back surface. Remove excess water which may cause staining of the face surface. Stack the panels flat, back to back for at least 24 hours before fixing.
  - 5.5mm square pattern Pegboard should be conditioned by standing the sheets separately around the room so that air circulates freely around them for at least 24 hours before fixing.

## PAINTING

Masonite Pegboard sheets are pre-coated with a matt white undercoat. Flat, low gloss or full gloss recognised quality paints may be used. Two coats of finish paint direct to the surface with a light sand between is usually sufficient. Care should be taken so that excess paint does not clog the perforations. Ask your paint supplier for recommendations on the best type of paint for your application and apply in accordance with the paint manufacturer's instructions.

## FIXING AND INSTALLATION

Masonite™ Pegboard is usually fixed to timber or metal frames, or over timber battens to provide space behind the panels for Pegboard fittings. The frame spacing should not exceed 450mm centres and support should be provided for all sheet edges. The frame will be less visible through the pegboard holes if it is painted black before fixing the sheets.

**FASTENERS:** Use panel pins or hardboard nails, preferably cadmium plated. Space fasteners at 150mm centres at sheet edges, 10mm from the edge, and 300mm centres in the body of the board. Raised head wood screws and cup washers are also suitable and can be fixed through the perforations.

**ADHESIVES:** Wallboard or construction adhesives, are generally suitable for fixing Masonite™ Pegboard. Surfaces to be bonded must be clean and dry. Always use adhesives in accordance with the manufacturer's recommendations.

**DAMP BUILDINGS:** Do not fix Masonite™ Pegboard to walls which are permanently or intermittently showing signs of dampness. The cause of moisture must be corrected and the walls allowed to dry before installing.



## CUTTING AND MACHINING

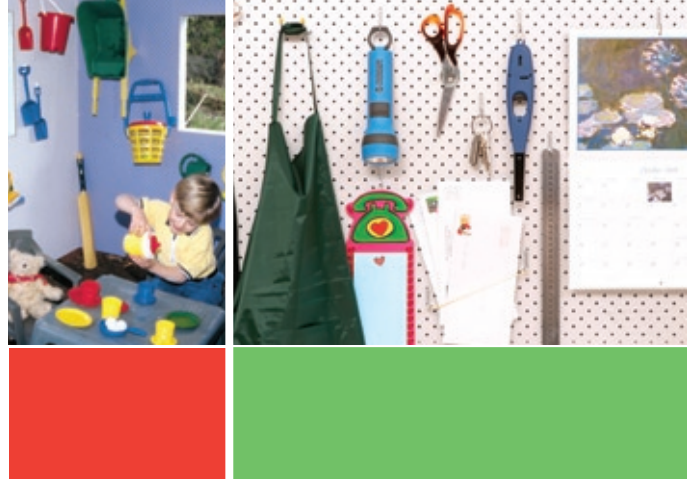
Masonite™ Pegboard is easy to work and machine with normal wood working tools and equipment. Cut sheets with a fine tooth handsaw or power saw. Edges may be trimmed with a smoothing plane, power plane or sandpaper.

## HANDLING AND STORAGE

Store flat, under cover on a horizontal pallet or on supports at 450mm centres in a dry area with a moderate temperature and reasonably constant relative humidity. Storage in direct sunlight, damp locations or hot, dry buildings should be avoided.

## HEALTH AND SAFETY WARNING

Inhalation of dust generated from processing Masonite™ Pegboard may cause irritation and sensitisation by inhalation (asthma) and by skin contact (dermatitis). Repeated inhalation of wood dust increases the risk of nasal cavity cancer and of lung fibrosis (scarring). Do not breathe dust. Wear a respirator if using power tools. Call Customer Service on 1300 366 681 for a Material Safety Data Sheet.



It is our intention to maintain a sustainable, environmentally responsible business that respects the quality of the environment and uses resources efficiently.

## THE NATURAL CHOICE

Australian Hardboards Ltd ABN 40 088 183 420.  
Conditions of Sale: Australian Hardboards products and services are sold on our terms and conditions, copies of which can be obtained through our Customer Service Centre.

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