

decorBoard™

DecorBoard ○ Acoustic Plasterboard

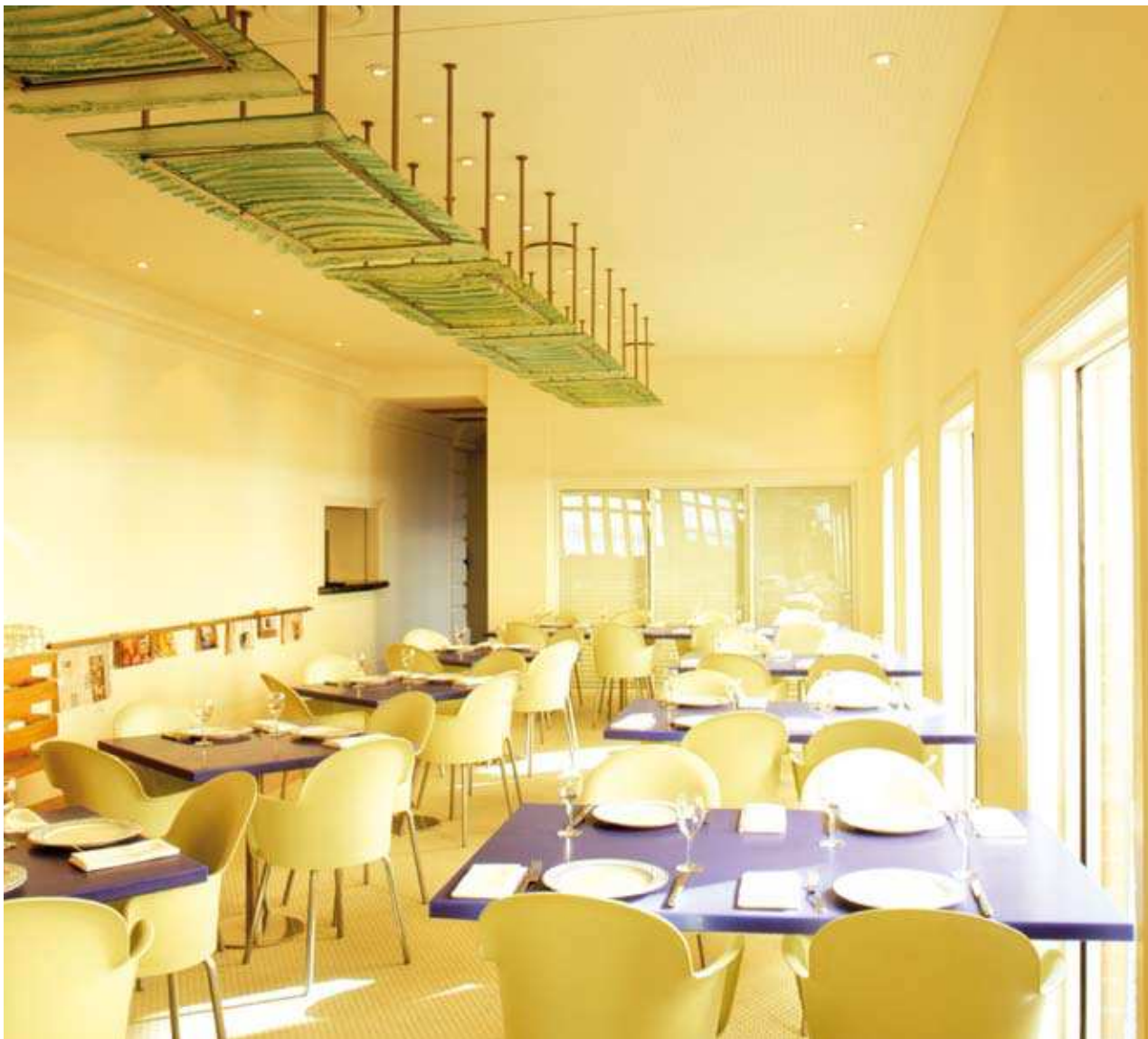
○ innovative ○ intelligent ○ functional

ACOUSTIC PANEL SYSTEMS FOR INTERNAL WALLS AND CEILINGS



DECORBOARD™ AT A GLANCE

- 1** All the benefits of plasterboard with advanced acoustic ratings
- 2** Easy to install and very economical
- 3** Available with optional DecorSorb Integrated Acoustic Backing
- 4** Ideal for ceilings or walls
- 5** Available in a wide range of sizes, perforations and margin options
- 6** Can be flush jointed and integrated into existing plaster work
- 7** 100% Australian made product
- 8** Makes walls and ceilings more attractive and functional





DECOR[®]

THE FINISHING TOUCH

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DECORBOARD™ FEATURES

Product Description

DecorBoard is a round-hole perforated plasterboard which assists in acoustic control, when installed with our DecorSorb Integrated Acoustic Backing (IAB) or an appropriate acoustic backing material. DecorBoard can be used in almost any dry, non-contact application where a functional, utilitarian product is required.

Product Features

- Ease of installation
- Economical
- Large range of sizes, perforations and margin options
- Ideal for ceilings and walls
- Can be flush jointed into existing plaster work
- Optional DecorSorb Integrated Acoustic Backing

Jointing Options

Square edged for Butt or Exposed Jointing, Recessed edged with borders for Flush Jointing

Material Sizes

Standard panel size availability is as shown. For non-standard panel sizes and thicknesses consult Decor Systems Technical Staff.

	10.0 mm Recessed Edge	13.0 mm Recessed Edge
3600 x 1200 mm	•	
3000 x 1200 mm	•	•
2700 x 1200 mm	•	•
2400 x 1200 mm	•	•



Your Decor Systems' Technical Consultant can help.

Avail yourself of Decor Systems' Technical Support from the earliest planning stages.

For prompt answers to your questions, general and technical advice, product samples, absorption coefficients, and support from planning to specification to installation - we welcome your contact.

superb design
should be
SEEN
not heard



DECORBOARD™ DELIVERS UNRIVALLED POSSIBILITIES

For practicality and sheer good looks you won't find a better acoustic plasterboard than DecorBoard.

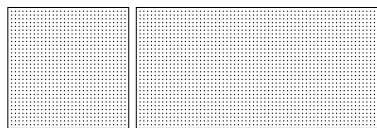
DecorBoard is perfect for ceilings, walls and partitions. In fact, in any area where acoustic performance and aesthetic appeal are of utmost importance, DecorBoard is the product of choice.

To make your decision even easier, consider this -DecorBoard is cost effective, without compromising on looks. The perfect choice for your next project.

D-BOARD

Suspended Ceiling Panels

Available to suit both 1200 x 600mm and 600 x 600mm grid modules. Select either paint-grade or white vinyl laminated finish in any of the following perforation patterns. A nominal 85 mm unperforated margin is standard. Custom sizes are available upon consultation with Decor Systems Technical Staff.



600 x 600 and 1200 x 600 mm

Perforation Patterns

Our manufacturing technique allows DecorBoard to be produced with a variety of open area and margin options.

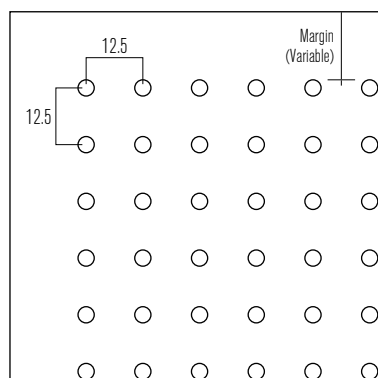
These options are covered in the following details and are applicable to the panel sizes as indicated. For custom patterns consult Decor Systems Technical Staff.

Insert perforation diameter code at end of Product Type. Example Type AP125S/45, is Decor Panel type 125S with 4.5mm perforations.

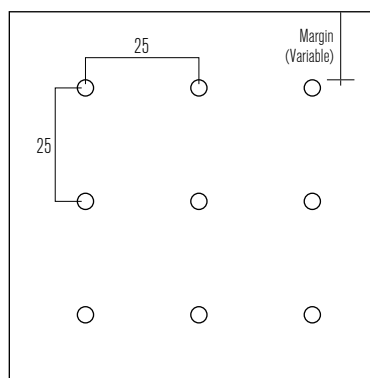
Open Area Guide

Diameter		Type AP125S	Type AP250S	Type AP250D
mm	Code			
4.5	45	9.9%	2.5%	4.9%
6.0	60	17.5%	4.4%	8.8%
7.0	70		5.9%	11.9%
10.0	100		12.2%	

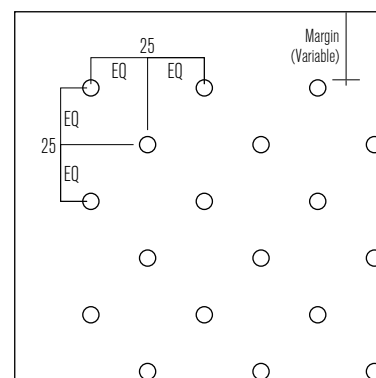
Product Type AP125S



Product Type AP250S



Product Type AP250D



Margin Options

Unperforated perimeter margins are available as detailed on the right. Larger margins are calculated by multiplying the increment between 2 of the given options. For non-standard margins, please consult Decor Systems Technical Staff.

Standard Margins (Measure to centre of perforation)	Side Margin (Approximate)			End Margin (Approximate)		
	For 1200mm Wide Sheet			For 2400mm Long Sheet		
Product Type A125S	34mm	59mm	84mm	16mm*	22mm	28mm
Product Type A250S	15mm*	40mm	65mm	22mm	34.5mm	47mm
Product Type A250D	34mm	59mm	84mm	16mm*	22mm	28mm

* Use with 4.5mm diameter perforations only
All dimensions are nominal

JOINTING AND INSTALLATION

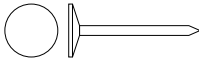
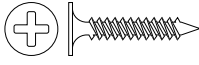
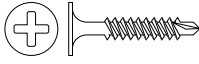


Installation Details

Install DecorBoard with paper-bound edges at right angles to framing, and in accordance with standard plasterboard design considerations.

The table below should be read in conjunction with these details to establish the correct fixing and framing centres. Closer framing centres are required for curved surfaces.

The sheet layout should be planned before installation, giving due consideration to unperforated margins, and we recommend to be detailed on the project drawings at design stage. Care should be used to ensure that rows of perforations from panel to panel are accurately aligned to maintain a consistent appearance.

Material Thickness (mm)	Maximum Framing Centres (mm)	Fastener Centres Perimeter (mm)	Fastener Centres Intermediate (mm)	Expansion Joints Required	Fastener Type	
13.0	600	Walls			Yes. Flush joined applications only	Timber 3.0 x 2.8 fibre cement nail 
		Ceilings				Steel - Light Gauge SEH 8/20 S pt Screw 
		200	300			
		200	250	Yes. Flush joined applications only	Steel - 0.75 to 1.2 mm Thick HD 8/22 screw 	

Suitable for wind loads up to 0.75 kPa. General fixing guide only, consult Decor Systems Technical Staff for full details

Attention - The method of fixing indicated for this product is of a general nature only and does not allow for specific design criteria such as wind loads, expansion joints or any other special design requirements which should be separately provided for by the specifier. Due to continual product improvement the information in this publication is subject to alteration without notice. Refer to plasterboard manufacturers installation manual for comprehensive fixing details. © Copyright. No part of this publication may be reproduced without the written consent of Decor Systems Australasia.

This suggested specification is submitted without prejudice, and does not take into account specific criteria or other design requirements which must be addressed by the specifier.

The following draft specifications contain sections of italicised text where the specifiers input is required.

Text identified with an asterisk* requires the non applicable wording to be struck out or deleted.

Text containing '.....' requires the specified information to be inserted.

10 GENERAL

11 SCOPE

Materials listed below to be supplied and installed to all areas detailed on drawings, or otherwise quantified.

12 QUALIFICATIONS

Installation shall comply with the relevant building codes using approved fixings and the work executed by competent tradesmen.

13 STORAGE OF MATERIALS

All materials delivered to site shall be stored flat in an enclosed shelter, providing protection from damage and exposure to the elements. Damaged or deteriorated materials shall be immediately removed from site.

YOUR SUGGESTED SPECIFICATIONS

2.0 PRODUCT

Important: Where acoustic performance is required, add DecorSorb after the product type in clause 2.1 and include paragraph 2.2 in project specification.

2.1 PANELS

Ceilings/walls shall be DecorBoard/DecorSorb* perforated plasterboard by Decor Systems Australasia, Telephone 02 9748 1800. The Decor Systems Consultant for this project is:*

.....

Panels shall be mm thick Decor Systems Product Type with *recessed/square** edges allowing a nominal mm unperforated perimeter margin (optional).

2.2 INSULATION ALTERNATIVE 1

Panels shall be supplied with Decor Systems DecorSorb Integrated Acoustic backing and conform to Acoustic Test Report No. A03RMST1.

2.2 INSULATION ALTERNATIVE 2

Panels shall be installed with type and thickness backing insulation at the rear of each panel. Insulating materials to be laid across mm battens with fabric facing tensioned over battens to create a mm deep air gap/installed with insulation fitted between

support members and fabric facing fitted over entire surface area* carefully installed to avoid creasing.

2.3 EXECUTION

Wall studs, ceiling battens or furring channels shall be spaced at mm centres and panels laid at right angles to these members. Double furring channels or battens to be provided at sheet end joints for ceiling applications. Panels to be fixed with x mm size type of fastener at mm fixing centres around perimeter of panels and at mm fixing centres within the body of the panel. *Panels shall be butted together and joints covered with a x size type timber cover strip/fitted into appropriately sized H mould sheetholders/joints taped and flush set in accordance with manufacturer's published specifications**

2.4 COMPLETION

Upon completion of the installation, check that all panels and cover moulds (if applicable) are securely fastened to their framing members and all fixings are properly stopped with an approved filler. Surface to be prepared to an approved standard in readiness to receive surface treatment applied by others.