



decorSlot™

DecorSlot ○ Slotted Fibre Cement

○ innovative ○ intelligent ○ functional

ACOUSTIC PANEL SYSTEMS FOR INTERNAL  
AND EXTERNAL WALLS AND CEILINGS

**DECOR**®  
Systems

# DECOR SLOT™ FEATURES

## Product Description

Durable fibre cement sheet panel with modular slot style perforations. Suitable for use as a ventilation panel or as an acoustic panel when supplied with our DecorSorb Integrated Acoustic Backing or when installed with an appropriate absorbent backing material. DecorSlot is available with a choice of panel joint details to suit specific requirements, and is ideally suited to high humidity or corrosive applications. DecorSlot helps to reduce ceiling space heat build-up and condensation by allowing natural ventilation of the roof space through the slots.

## Product Features

- Unaffected by steam, moisture, sunlight or vermin
- Excellent water resistant properties
- Ideal for harsh environments
- Variety of jointing options

## Variations

- Slotting module can be customised to suit special width sheets (consult Decor Systems Technical Staff)
- DecorSorb Integrated Acoustic Backing, not recommended for use in wet areas
- Square or recessed edge
- Pre Undercoated in white for easy site finish

## Jointing Options

- Bevel or Expressed Joint
- Recessed edge for Flush Jointing
- PVC H-Mould
- Cover Mould

## Material Sizes

Standard panel size availability as shown to the right.

Width (mm)	Lengths (mm)		
900	900	1800	2400
1200	1200	1800	2400

For non-standard panel or module sizes, consult Decor Systems Technical Staff



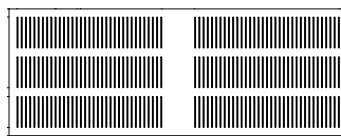
## Perforation Patterns

Illustrated below are the standard perforation patterns available for full sheets.

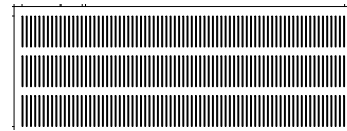
All measurements are in mm.

Select pattern type available with Centre Break or fully slotted.

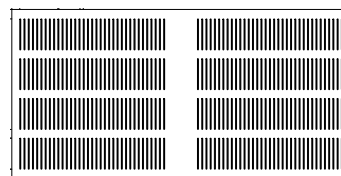
Type DQ/3CB 2400x900mm



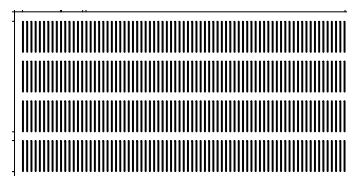
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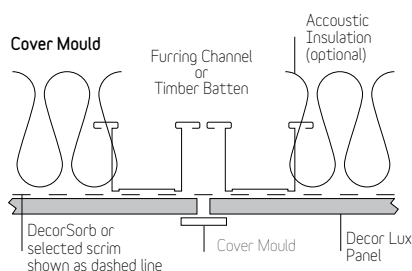
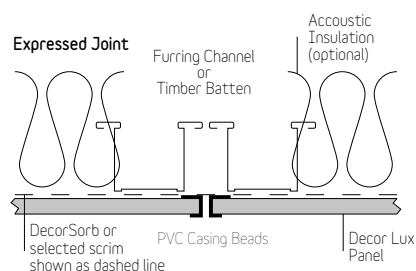
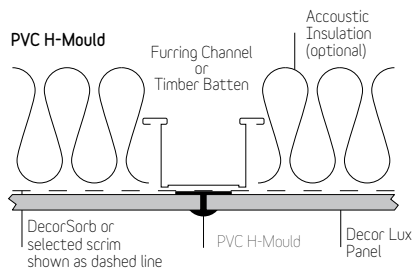
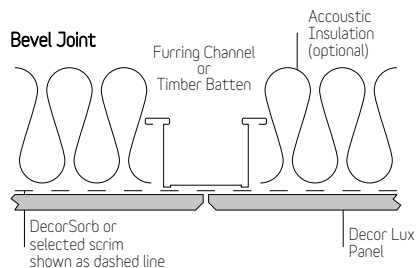
Type DQ/4S 2400x1200mm



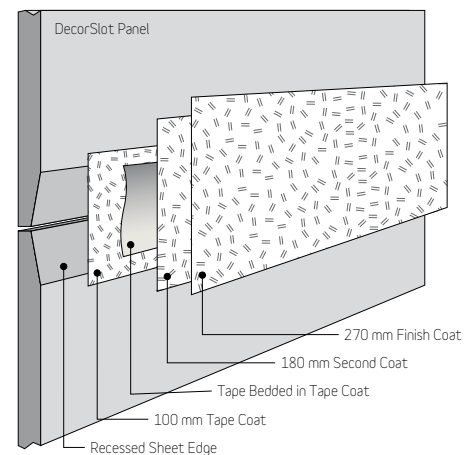
Type DQ/4CB 2400x1200mm



## JOINTING AND INSTALLATION



## Recessed Joint Finishing



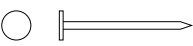
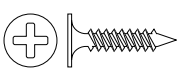
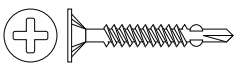
# JOINTING AND INSTALLATION (cont)

## Installation Details

The table to the right provides a fixing guide for general commercial applications.

DecorSlot sheets should be fixed at right angles to framing where possible with sheet ends coinciding with framing members. Do not fix sheets directly to the underside of roof framing or structural members. Battens or furring channels must be used. Closer framing centres are required for high wind applications and where sheets are to be curved. For these applications or where flush jointing is to be incorporated, contact Decor Systems Staff for 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 © Copyright. No part of this publication may be reproduced without the written consent of Decor Systems Australasia.

Material Thickness (mm)	Maximum Framing Centres (mm)	Fastener Centres Perimeter (mm)	Fastener Centres Intermediate (mm)	Expansion Joints Required	Fastener Type	
6.0	600	Walls			Yes. Flush jointed applications only	Timber 3.0 x 2.8 fibre cement nail 
		200	300			Steel - Light Gauge SEH 8/20 S pt Screw 
		Ceilings			Yes. Flush jointed applications only	Steel - 0.75 to 1.2 mm Thick HD 8/22 screw 
200	250					

Locate fasteners not less than 12mm from sheet edges and 50mm from sheet corners.  
General fixing guide only, consult Decor Systems technical staff for full details

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 specifier's 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.

### 1.0 GENERAL

#### 1.1 SCOPE

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

#### 1.2 QUALIFICATIONS

Installation shall comply with the relevant building codes using approved fixings and the work executed by competent tradespersons, endorsed by Decor Systems Australasia.

#### 1.3 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 DecorSlot/ DecorSorb IAB\* multi-slotted fibre cement sheeting by Decor Systems Australasia, Telephone 02 9748 1800.

The Decor Systems Consultant for this project is:

.....  
Panels shall be Decor Systems Product Type ..... and ..... mm thick with bevel/ recessed edges\*, allowing a nominal ..... mm unperforated margin down both long sides of the sheet (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 ALTERNATIVE 1

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 ..... 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 installed to create ..... mm expressed joint/joints covered with a ..... x ..... mm size ..... type timber cover strip/fitted into appropriately sized H-mould sheet holders/joints taped, and flush jointed 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.



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