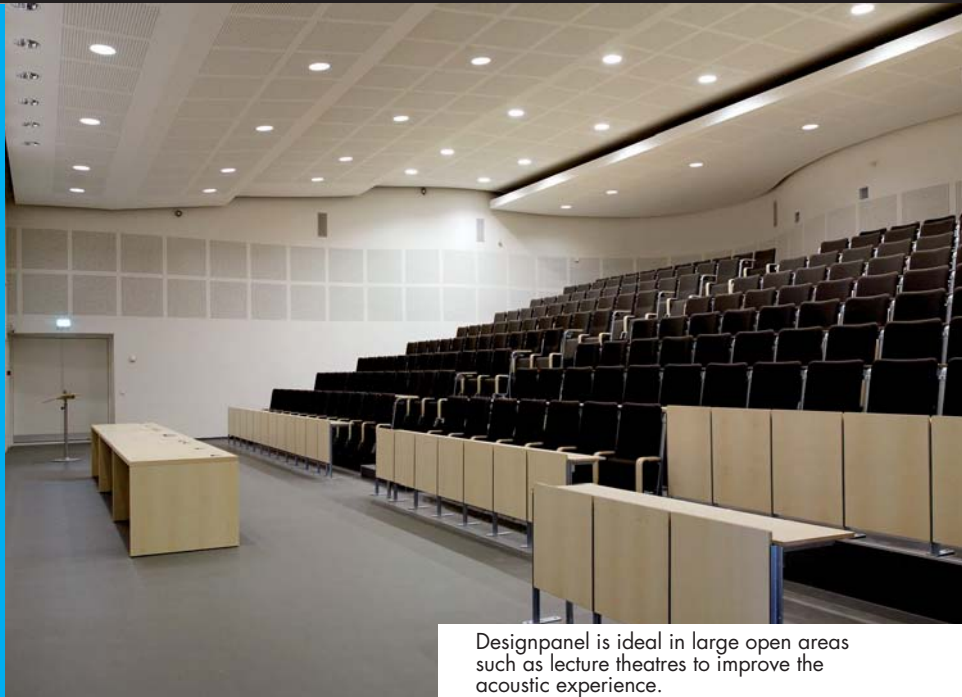


TECH DATA

Benefits

- Good sound diffusion and absorption to improve the acoustics in large open areas.
- High quality precision perforations deliver superior aesthetic internal lining finishes.
- Four styles meet a range of design requirements.



Designpanel is ideal in large open areas such as lecture theatres to improve the acoustic experience.

Designpanel is a precision engineered perforated plasterboard delivering both sound diffusion and absorption creating enhanced audibility and a high quality sound experience. Available in four styles, Designpanel is ideal for use in a range of commercial applications where controlling the sound reverberation time is required for large open areas such as lecture theatres, shopping centres and schools.

Product Information

SHEET SIZE	THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)	WEIGHT* (kg/m ²)
	13	900 - 1200	2400	8.8 - 8.9
PATTERNS	Quadril (Q2F) - Square 12mm x 12mm Tangent (T3L4) - Oval 4mm x 14mm Globe (G2F) - Circle 6mm Micro (M2F) - Square 3mm x 3mm			
FIRE HAZARD PROPERTIES	Group 1 material according to the requirements of BCA Section C1.10 Fire Hazard Properties Average Specific Extinction Area < 250 m ² /kg as required by BCA Specification C1.10a, Clause 3(c)			
COMBUSTIBILITY	Classified as non-combustible according to the BCA Section C1.12			
HAZARDS IDENTIFICATION	Not classified as hazardous according to the criteria of NOHSC Australia			

* Weights indicated are nominal

Application

Designpanel is used for internal wall and ceiling lining applications where it is necessary to control sound reverberation and increase sound absorption.

It is ideal in high traffic commercial areas and can also be used in residential applications such as open plan living areas and home theatres.

TECH DATA

Performance



Sound

Good sound absorption to optimise the reverberation time and improve the overall acoustic environment.



Decorative

A range of four styles which can easily be installed, interspersed with standard plasterboard.

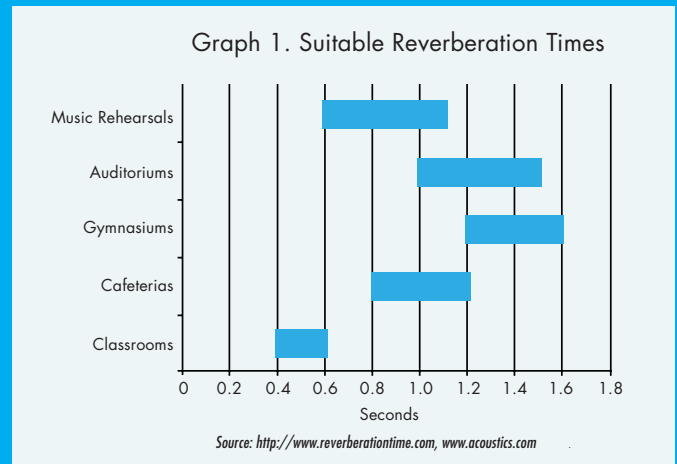


Chart 1 highlights some suggested reverberation times to optimise the acoustic environment. The ideal reverberation time depends on the use of the space.



Globe

Micro

Tangent

Quadril

Installation

Designpanel must be installed using fasteners only for all wall and ceiling systems.

For all plasterboard joints use paper tape and apply two coats of MastaBase or MastaLongset, followed by a final coat of MastaFinish, MastaGlide or MastaLite finishing compound. Care should be taken during joint-setting to avoid blocking of perforations.

Painting

Only use roller application for painting Designpanel. Roller application applies a uniform texture over the entire surface and ensures the paint does not contact the protective mat fixed to the back of the plasterboard. Spray application of paint is not permitted.

Warranty

Knauf's products are guaranteed by a 10 Year Warranty. Visit knaufplasterboard.com.au for details.

Technical Advice

For technical advice, please call Knauf technical services on **1300 724 505**.