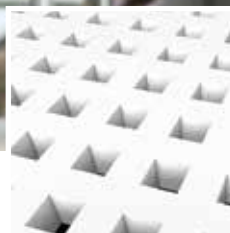
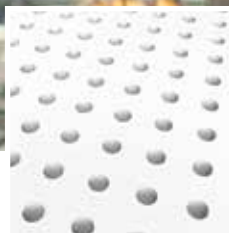
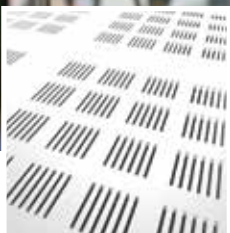


ECHOSTOP® SOUND ABSORPTIVE DECORATIVE PLASTERBOARD



LOOKING FOR THE RIGHT AMBIENCE? MULTIPLE APPLICATIONS

Echostop® is recommended for Designers of interior spaces where the look of the room is just as important as its acoustic requirements.



FUNCTIONALITY MEETS STYLE

THE FUNCTIONAL SOLUTION FOR WALLS AND CEILINGS

Echostop® is the quiet solution, creating a decorative finish whilst providing a high level of sound absorption to the space. Echostop® perforated plasterboard is suitable for full ceiling installation or feature panels on walls or ceilings. Created for noise absorption treatment, it is available in 5 stylish designs with either square, round or slotted perforations to suit multiple applications.

Features of Echostop®

- pre-laminated acoustic fabric backing
- recessed edges
- simple installation
- flush jointing
- 5 contemporary designs
- 1200mm x 2400mm
- clean precise lines
- 12.5mm thickness

Benefits of Echostop®

- high sound absorption with NRC up to 0.80*
RMIT 12-038/5W
- reduces sound reverberation (echo)
- a selection of perforations to cater for design requirements
- smooth surface for decoration
- provides monolithic ceiling look
- cloth backing prevents dust and insect ingress



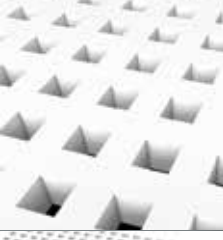
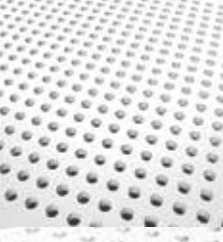

Applications for Echostop®

- commercial office buildings
- showrooms
- schools and universities
- restaurants, cafés, food halls
- retail complexes
- shopping centres
- auditoriums and concert halls
- libraries and galleries
- cinemas
- home theatres
- foyers of public buildings

PERFORMANCE DETAILS

ACOUSTIC

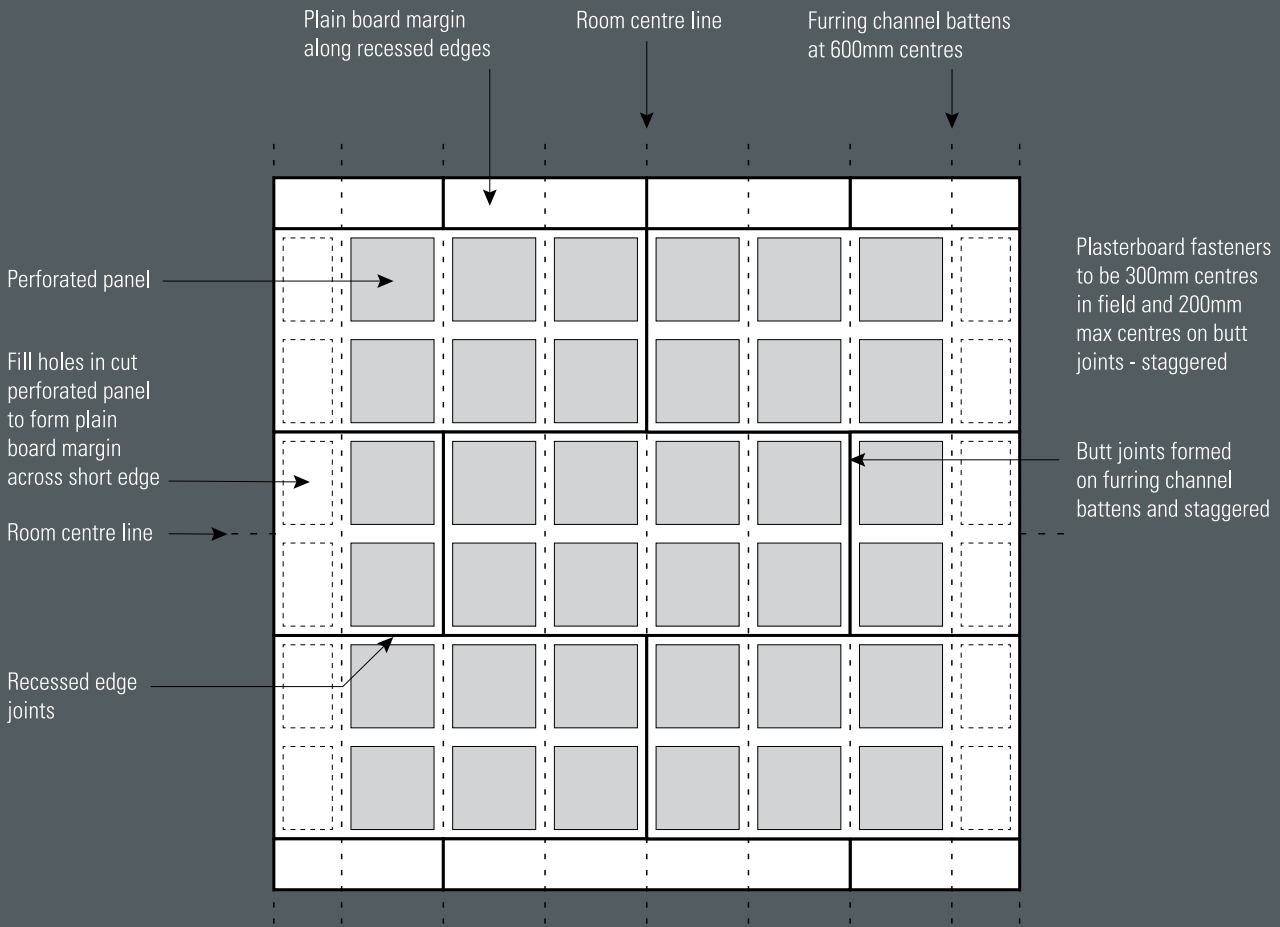
Echostop® has been extensively tested in a 'full scale reverberation chamber' to AS ISO 354-2006. The table below outlines the different airgaps and insulation tested together with the a_w and NRC rating achieved. Copies of the test reports can be supplied upon request.

Table 1.	Perforation	Open Area	Insulation	Plenum / Air Gap	a_w	NRC	RMIT Test Report
	82mm Slotted Rectangular	11%	*50G14	50mm	0.40(LM)	0.70	12-041/JW
				90mm		0.65	12-040/JW
				400mm	0.45(LM)	0.65	12-046/JW
				700mm	0.50(LM)	0.60	12-056/JW
	101.5mm Slotted Rectangular	11%	*50G14	400mm	0.45(LM)	0.65	12-047/JW
				700mm			0.50(LM)
	12mm Square Hole	16%	*90G14	90mm	0.60(LM)	0.80	12-038/JW
				400mm			0.60(LM)
				700mm	0.60(LM)	0.75	12-053/JW
	6mm Round Hole	8.5%	*90G14	400mm	0.45(LM)	0.65	12-043/JW
				700mm			0.50(L)
	13.5mm Round Hole	16%	Refer to 12mm Square Hole as an indication of acoustic result attainable.				

* 50/90mm 14kg/m³ Glasswool by Fletcher Insulation.

INSTALLATION

PRODUCT USE & SERVICEABILITY



Note: Installation of Echostop® following the “Layout Guide and Installation details” will ensure ease of product use and serviceability. This guide and the Product Data Sheet are available at USGBoral.com/echostop or call TecASSIST® 1800 811 222.



DECORATIVE

- Available in 5 stylish designs with either slotted, square or round perforations to suit multiple design applications.
- Suitable for internal wall and ceiling applications.

INSTALLATION

Recommended Installation of Echostop® can be found in “Layout Guide and Installation details” which is available at **USGBoral.com** or call TecASSIST® on 1800 811 222.

SUSTAINABILITY

USG Boral products are manufactured from a combination of gypsum and paper liner made from 100% reclaimed and recycled paper waste.

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

WASTE MANAGEMENT

Waste collection services are available to divert acceptable plasterboard waste away from landfill for recycling or re-processing for other uses. For information on waste collection services available, please contact your local USG Boral office.

INTERNAL SOUND LEVELS

Echostop®, when used in the design for reverberation control, can assist in achieving the required speech intelligibility criterion. It is strongly recommended to use this single-number rating in combination with the complete sound absorption coefficient data that can be obtained on request.

VOLATILE ORGANIC COMPOUNDS (VOC) AND FORMALDEHYDE MINIMISATION

All USG Boral products, compounds and adhesive have been independently tested to confirm compliance with Green Star specification limits for VOCs and are formaldehyde free. Certificate CV080417.

REFERENCES

Refer **USGBoral.com** for Material Safety Data Sheet, Volatile Organic Compound Emission details and other additional information.

SALES ENQUIRIES **1800 226 215**

TecASSIST® **1800 811 222**

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This technical information is intended to provide general information on plasterboard products and should not be a substitute for professional building advice. We recommend you use a qualified person to install USG Boral plasterboard. Illustrations in this guide are only representative of USG Boral plasterboard products and the appearance and effects that may be achieved by their use. To ensure the information you are using is current, USG Boral recommends you review the latest building information available on the USG Boral website. **USGBoral.com** Product availability should be checked with your local USG Boral Sales Office, as availability may vary.

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