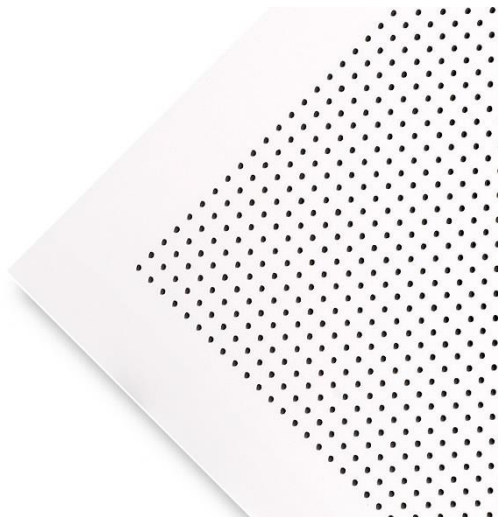




Standard 6mm Round

Gyprock Standard 6mm Round perforated plasterboard provides economical sound attenuation in a perforated design that has been proven in projects around Australia for many years. The panel perforations, together with insulation, where used, reduce echo and noise reverberation to create more comfortable environments for work and leisure. It is supplied without an acoustic fabric backing, however installers may use a third party acoustic fabric to provide higher levels of acoustic performance if required. The design features six large rectangular groupings per sheet, each with 2,100 x 6mm diameter perforations at 15mm centres to provide an open area of 8.3%.



Recommended Use

- Non-fire rated ceiling and wall applications.
- Commercial construction.
- Applications where moderate levels of attenuation and acoustic performance are required such as theatres, restaurants, shopping centres and hotel foyers.

Standard 6mm Round Specifications	
Feature	Description
Thickness	13mm
Mass	7.8kg/m ²
Perforated Pattern	6mm Round
Open Area	8.3%
Acoustic Fabric	NIL
Widths	1200mm
Lengths	3600mm
Edge Profiles	Recessed Edge
Fire Hazard Properties ^Δ	Group No = 1 SMOGRARC ≤100m ² /s ²
Combustibility [◇]	Plasterboard may be used wherever a non-combustible material is required.
Total Recycled Content	3.7%

^ΔIn accordance with AS ISO 9705 and AS 5637.1

[◇]In accordance with NCC2022 Vol 1 Clause C2D10(6)(a) and NCC2019 Amdt1 Vol Clause C1.9(e)(i).

Product Features



Acoustics

Absorbs sound into ceiling to prevent reverberation.



Aesthetics

Acoustic performance with design freedom



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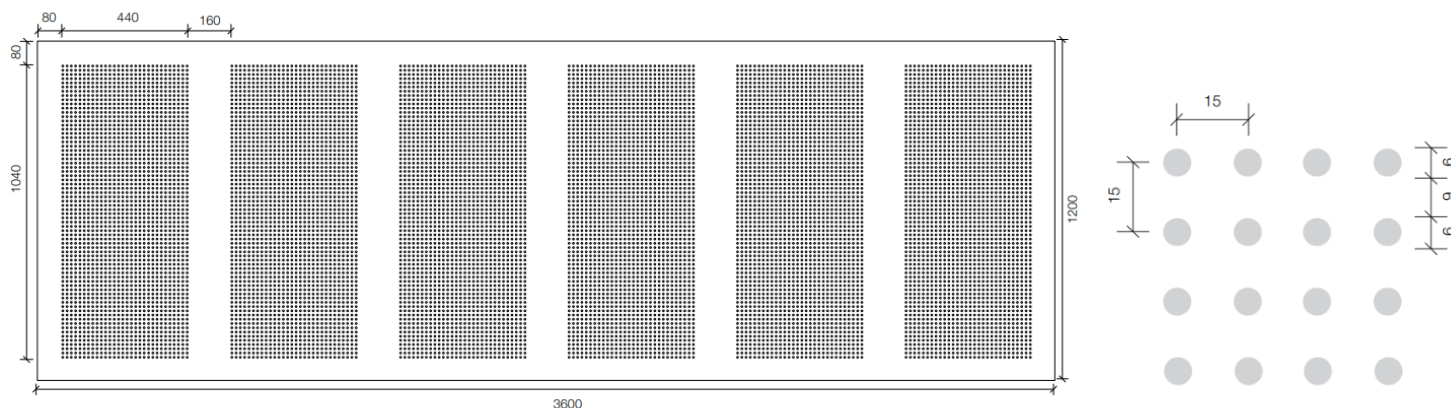
Standard Installation

Standard 6mm Round perforated products are screw fixed to suspended concealed grid, or direct fixed to framing. the joints are finished with a three coat jointing system and sanded smooth prior to decoration. The sheets are installed with the long edges at right angles to the direction of the framing with maximum 600mm centres.

Full installation and finishing details can be found in the Red Book 3: Commercial and Multi-Residential Installation Guide – Class 2-9 Buildings.

Painting

After the joints are completed, the surface of the plasterboard is painted in accordance with the paint manufacturer's specifications using a paint roller, taking care to paint the surface only, and not the voids. Long nap and heavily loaded paint rollers should be avoided for this reason. Spray painting is NOT permitted as paint will impair the acoustic tissue thus degrading the acoustic properties. Water-based paints are required for boards that contain Activ'Air technology. Repainting will not impact the performance of Activ'Air.



NRC Value Summary

Standard 6mm Round 8.3% open area				Sound Absorption Coefficient					
Plenum (Air Cavity)	Plenum Insulation	α_w	NRC	Octave Band Centre Frequencies (Hz)					
				125	250	500	1000	2000	4000
65mm	Empty	0.15	0.10	0.05	0.10	0.10	0.15	0.10	0.10
	50mm glasswool (14kg/m³)	0.30	0.35	0.15	0.25	0.40	0.50	0.30	0.15
200mm	Empty	0.15	0.15	0.10	0.10	0.15	0.15	0.10	0.10
	50mm glasswool (14kg/m³)	0.25(LM)	0.40	0.40	0.45	0.60	0.40	0.20	0.15
600mm	Empty	0.15	0.15	0.20	0.15	0.15	0.10	0.10	0.10
	50mm glasswool (14kg/m³)	0.30(LM)	0.45	0.50	0.50	0.60	0.40	0.25	0.15

These acoustic predictions are for standard 6mm Round perforated plasterboard without acoustic fabric. Installers may use a third party acoustic fabric to provide far higher levels of acoustic performance if required. (L) denotes excess performance at 250Hz. (M) denotes excess performance at 500Hz, 1000Hz.



Manufacturing Tolerances

Nominal Thickness	13mm +/- 0.5mm
Nominal Widths	1200mm +/- 3mm
Nominal Lengths	3600mm +/- 5mm
Squareness	Cut ends + 3mm in the width of the board

**Subject to reasonable manufacturing tolerance.

Storage

Protect plasterboard from weather and moisture. Avoid products sagging by storing horizontally, supported on a level platform or full-width support members spaced at max. 600mm centres.

Installing to Standards

Installing to Standards AS/NZS2589: Gypsum linings – Application and Finishing outlines the procedures for jointing and finishing of Gyprock plasterboard in conjunction with additional details contained in Gyprock Technical Literature.

Health and Safety

For further information refer to the Safety Data Sheet for this product which is available from www.gyprock.com.au or contact:

CSR Gyprock
Trinit 3, 39 Delhi Rd, North Ryde NSW 2113
Australia Phone: **131 744**
New Zealand Phone: **0800 277 123**

Resources

For further information on this product please visit www.gyprock.com.au or refer to the Red Book. For technical support, contact:

DESIGNLINK™

PHONE: 1800 621 117

Manufactured For Life Warranty

Gyprock products are manufactured for life with all CSR products designed to achieve optimal performance when part of a CSR integrated system. Gyprock continues to lead the market with premium quality products which are the preferred choice of plastering professionals. Gyprock plasterboard products are manufactured to the Australian Standards AS2588 providing confidence in quality of product and support. For details on our product warranty, please log onto www.gyprock.com.au/warranty, or contact us on **1300 306 556**.



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Verified by an independent conformity assessment body to meet the environmental, health and social/ethical criteria of the GECA Panel Boards standard



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