

Product Data Sheet

Gyptone™ 12mm Square Minigrid

Superior acoustics and subtle style make Gyptone 12mm Square Minigrid an intelligent choice to help control reverberation in public spaces with the added benefit of enhanced air quality with patented Activ'Air technology.

Product Overview

Manufactured by worldwide plasterboard specialist, Saint-Gobain, Gyptone is purpose built to provide exceptional acoustic control with contemporary design.

High levels of acoustic absorption are achieved through a combination of perforation patterns and a highly effective black acoustic fabric backing which also prevents dust from the ceiling entering the room and masks the ceiling framework.

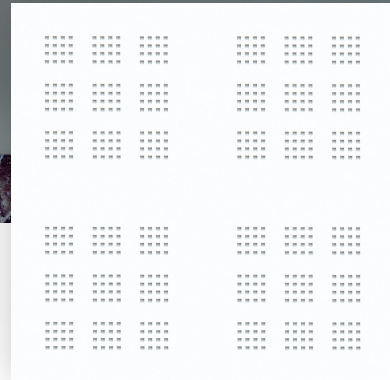
Gyptone 12mm Square Minigrid features eight large square groupings per sheet, each with nine mini grids of 16 x 12mm square perforations at 25mm centres. This subtle pattern provides an open area of 6%.

Gyptone is also manufactured with Activ'Air technology which has an enduring impact on indoor air quality. All four edges of Gyptone perforated plasterboards are recessed to make flush jointing quicker and easier without the need for butt joints between full panels. The availability of seamless access panels, ensures easy access to the ceiling cavity while maintaining pattern continuity.

Typical Applications

Gyptone perforated plasterboard is typically used as a high performance plasterboard for ceilings in commercial constructions where a high level of acoustic performance is required. This includes applications such as theatres, restaurants, shopping centres and hotel foyers. Whilst perforated plasterboard is predominantly installed in ceilings, it is suitable for use in walls.

Gyptone joints are finished with a three coat jointing system and sanded smooth prior to decoration.



Acoustics

Absorbs sound into the ceiling to prevent reverberation



Healthy Environment

Activ'Air for enduring, cleaner air



Aesthetics

Acoustic performance with design freedom

Technical Specifications

Product Options

Gyptone 12mm Square Minigrid is available in the following size:

Thickness	12.5mm
Widths	1200mm
Lengths	2400mm
Edge Profiles	Recessed Edge for regular jointing

Stockholdings of specific sizes may vary in different regions. For the latest product availability in your area and to place an order, contact your [nearest supplier](#).

Product Manufacture

Gyptone 12mm Square Minigrid is manufactured for CSR Gyprock by worldwide plasterboard specialist Saint-Gobain.

Product Handling

Transportation and manual handling: Refer to the [Gypsum Board Manufacturers of Australia \(GBMA\) website](#) for recommended OH&S practices.

Storage: Protect plasterboard and cornice 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.

Health and Safety

Safety Data Sheets are important documents in the construction industry and assist in the continuing focus on occupational health and safety on and off sites.

Manufacturing Tolerances

Nominal Thickness	12.5mm ± 0.3mm
Nominal Widths	1200mm ± 3mm
Nominal Lengths	2400mm ± 3mm
Squareness	90° ± 1.5mm at 1200mm (short end)

Physical Properties

Nominal Board Weight*	8.4kg/m ²
Fire Hazard: assessed to AS/NZS3837 cone calorimeter test	Average Specific Extinction Area (ASEA) <250m ² /kg Group Number 1 Report Reference WFRA 45759
Combustibility	In accordance with BCA Clause C1.12, Gyprock Perforated Plasterboard may be used wherever a non-combustible material is required by the Code.

*Subject to reasonable manufacturing variance.

Installation Instructions

Installing to Standards

AS/NZS2589: Gypsum linings – Application and Finishing outlines the procedures for the installation and finishing of Gyprock Perforated Plasterboard in conjunction with additional details contained in Gyprock Technical Literature.



International Alliance Warranty

Through the International Alliance program, Gyprock seeks to develop exclusive relationships with leading manufacturers throughout the world to deliver the best technologies and products to the Australian construction industry.



Certified Low VOC

Exceeds the GBCA specification for Volatile Organic Compound content according to independent testing.

Resources

Gyprock makes available [resources](#) that provide comprehensive selection, design, installation and maintenance guidance.