

# Contrapanel

ACOUSTIC, PRE-FINISHED WALL AND CEILING LINING



## TECH DATA

### Benefits

- Excellent broadband sound diffusion and absorption for superior acoustic comfort in large spaces
- Attractive modern design available in both perforated and non-perforated styles
- Pre-finished, laminated surface for fast and simple installation and maintenance
- Highly durable, robust glass fibre reinforced design with strengthened backing paper



Contrapanel is ideal in large open areas, such as gymnasiums and sports halls, which require excellent acoustic performance.

Contrapanel is a robust wall and ceiling lining specially developed to provide outstanding acoustic performance with a beautiful, long-lasting finish. Excellent sound diffusion and absorption delivers acoustic comfort in large open spaces, whilst the glass fibre reinforced structure and strengthened backing paper enable a high degree of mechanical resistance and durability. Panels are pre-finished with an attractive, white laminated, dirt resistant surface, making them easy to install, clean and maintain.

Due to its robustness, Contrapanel can be fully integrated with the wall construction, creating an attractive, uniform wall surface with superior acoustic performance.

### Product Information

Panel	THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)	WEIGHT** (kg/m <sup>2</sup> )
GLOBE G1F	12.5	600	1200, 1800*, 2400*	8.9
REGULA (Plain)	12.5	600	1200	9.7
EDGE TYPE	Bevelled			
FIRE HAZARD PROPERTIES	Group 1 material according to the requirements of BCA Section C1.10 Fire Hazard Properties Average Specific Extinction Area < 250 m <sup>2</sup> /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			

\*Non stock items - subject to minimum quantities and lead times

\*\*Weights indicated are nominal

### Application

Contrapanel is perfect for use in large open areas which require a tough, low maintenance wall and ceiling solution that delivers both beautiful design and excellent acoustical performance.

Due to its attractive white design and robust finish, Contrapanel is the ideal solution for providing a durable modern look for high traffic commercial applications, where it can also help to reduce the need for excessive lighting. This makes it the perfect acoustic choice for education, sports, infrastructure, entertainment, hospitality, recreational and multi-functional facilities.

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### Performance



#### Impact Resistance

Robust, glass fibre reinforced structure, strengthened backing paper and laminated surface ensure a durable finish.



#### Sound

Excellent sound diffusion and absorption with  $\alpha_w$  up to 0.65 without mineral wool.



#### Decorative

Available in perforated and non-perforated to meet an array of design requirements.



#### Air Purifying

Contrapanel uses air purifying CLEANEO Technology to reduce pollutants and odours in the air.

#### ACOUSTIC VALUES FOR CEILING LINING

Tested suspension height: 200 mm without mineral wool  
Sound absorption for G1F in accordance with EN 11654:  $\alpha_w = 0.65$ .

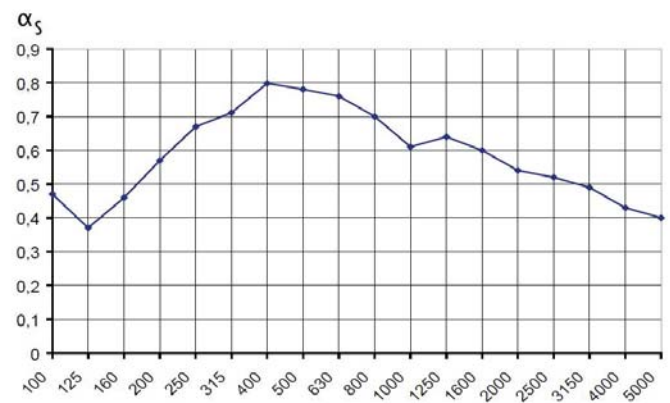


Figure 1: Acoustic performance

#### Installation

Contrapanel is installed as a non-demountable wall and ceiling lining via fixing onto a metal substructure using white, round cross-head screws. Screws must be applied at non-perforated perimeter edges and between perforations.

#### Cleaning

Dust can be removed using a dry duster or vacuum cleaner. Marks can be removed with a damp cloth using normal cleaning practices and neutral cleaning solutions.

#### Robustness

Contrapanel has a durable and dirt resistant surface. Panels are made of robust, glass fibre reinforced material with excellent pressure resistance and can therefore be used on walls as well as ceilings. Under normal conditions of use, the product properties are preserved and there is no decomposition of material over time.

#### Warranty

Knauf's products are guaranteed by a 10 Year Warranty.

For details visit

[knaufplasterboard.com.au](http://knaufplasterboard.com.au)

[knaufplasterboard.co.nz](http://knaufplasterboard.co.nz)

#### Technical Advice

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