

TECH DATA

Benefits

- Unique built-in air purifying CLEANEO Technology that removes odours and pollutants to improve the overall quality of indoor air.
- Excellent sound absorption properties provide superior acoustic comfort.
- Continuous perforations create a seamless appearance.
- Available in a range of styles and perforations.



Stratopanel with CLEANEO Technology reduces odours and pollutants in the air whilst also improving the acoustic environment of large open areas.

Stratopanel is a unique acoustic wall and ceiling lining with built-in air purifying CLEANEO Technology which reduces both smells and airborne pollutants, such as VOCs, improving the overall air quality. Stratopanel meets the high level of acoustic performance required for commercial areas such as offices, hospitals, gymnasiums and restaurants.

Product Information

SHEET SIZE	THICKNESS (mm)	WIDTH (mm)	LENGTH (mm)	WEIGHT* (kg/m ²)
	12.5	1188 - 1200	1875 - 2000	9.4 - 10.5
PATTERNS (Continuous)	Standard Circular 8/18 R Alternating Circular 12/20/66 R Standard Square 8/18 Q Random Plus 8/15/20 R Standard Circular 12/25 R			
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

Stratopanel is used for internal wall and ceiling lining applications where control of sound absorption and reverberation time is required.

CLENEO Technology improves the indoor air quality in areas that are either air tight or have a high exposure to odours and fumes.

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

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Performance



Air Purifying

An inner layer of dehydrated zeolite with a nanoporous structure that absorbs and reduces both smells and airborne pollutants, including VOCs such as formaldehyde.



Sound

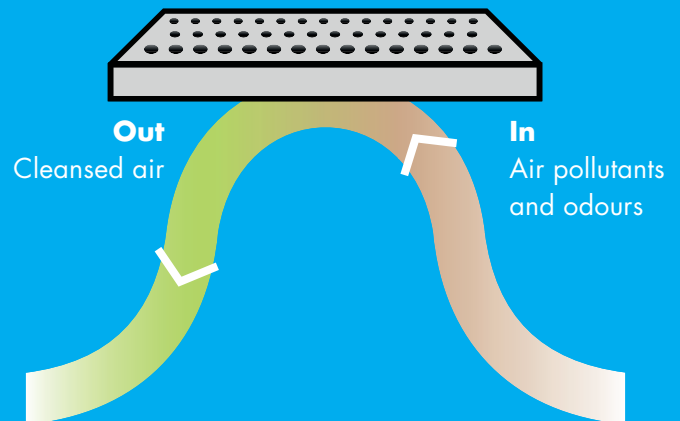
Excellent sound absorption improving the overall acoustics, α_w up to 0.8*.



Decorative

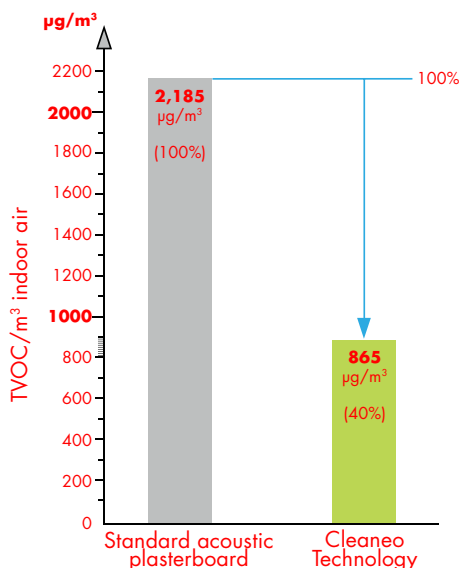
A range of aesthetic styles which can be installed to provide a premium and seamless appearance.

How CLEANEO Technology Works



Example^: Reduction TVOC in room for smokers

Comparing measurements with samples from passive accumulations at room volume 75m³, configuration rate 0.3m²/m³.



Tests have shown that CLEANEO Technology reduces the airborne levels of a number of pollutants including

tobacco smoke, triethylamine, ammonia, formaldehyde, benzene, aromatic hydrocarbons and chlorinated hydrocarbons.

Installation

Stratopanel must be installed using fasteners only.

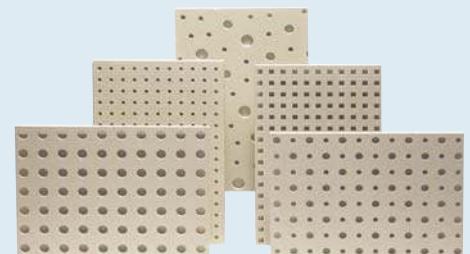
For FF edges, Uniflott Jointing Compound must be used. Care should be taken during joint-setting to avoid blocking perforations.

Painting

Only use roller application for painting Stratopanel. 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.

*Standard Square pattern 12/25Q, 65 or 112.5mm cavity with 50mm EarthWool (min 14kg/m³)

^Stuttgart College of Technology with supporting measurements and tests undertaken by Stuttgart Central Laboratory, University of Kaiserslautern and others.



Warranty

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

For details visit

knaufplasterboard.com.au
knaufplasterboard.co.nz

Technical Advice

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