

TECH DATA

Benefits

- Unique built-in air purification that removes odours and pollutants to improve the overall quality of indoor air.
- Continuous perforations create a seamless appearance.
- Available in four styles with excellent acoustic absorption.



Cleaneo reduces odours and pollutants in the air whilst also improving the acoustic environment of large open areas.

CLEA NEO is a unique acoustic wall and ceiling lining with built-in air purification which reduces both smells and airborne pollutants, such as VOCs, improving the overall air quality. Cleaneo 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)
	13	1188 - 1200	1875 - 1998	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			
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

Cleaneo is used for internal wall and ceiling lining applications where control of sound reverberation and a reduction in the level of sound is required.

Cleaneo 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

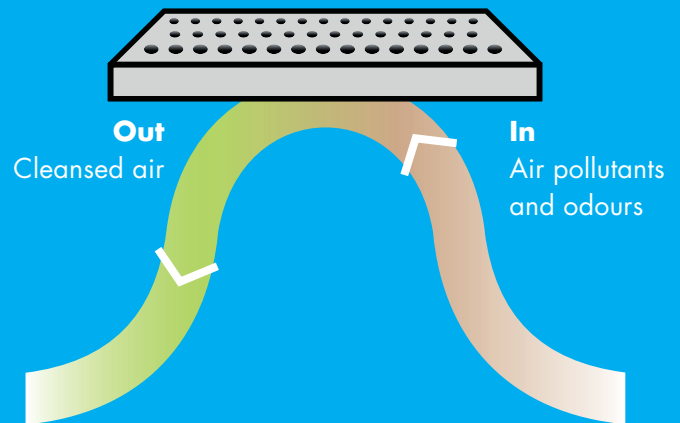
Excellent sound absorption improving the overall acoustics, α_w up to 0.8*.



Decorative

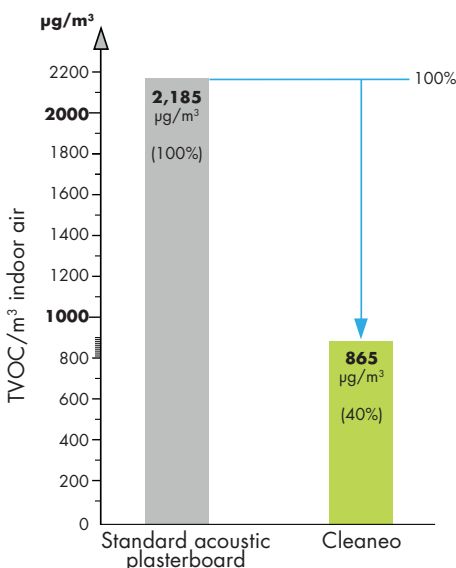
A range of four aesthetic styles which can be installed to provide a premium and seamless appearance.

How Cleneo 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 Cleneo reduces the airborne levels of a number of pollutants including

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

Installation

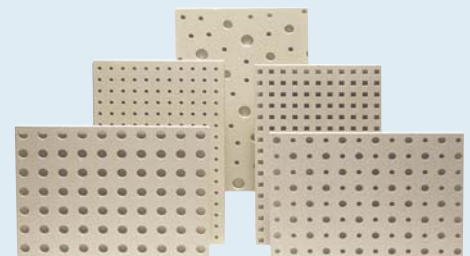
Cleneo must be installed using fasteners only.

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 Cleneo. 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.

*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. Visit knaufplasterboard.com.au for details.

Technical Advice

For technical advice, or for details on other Cleneo patterns, please call Knauf technical services on **1300 724 505**.

For the latest technical information on this and other Knauf products visit,

www.knaufplasterboard.com.au