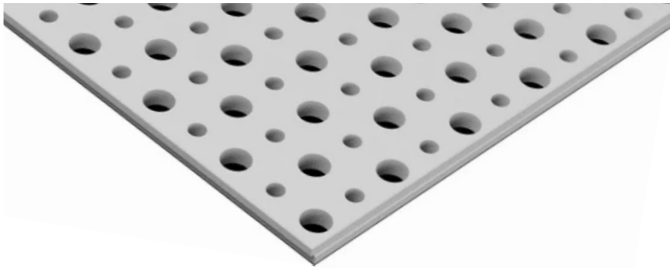


STRATOPANEL® Alternating Circular 12/20/66 R

Perforated Acoustic Gypsum Board



Suspended Ceiling



Acoustic Performance

Description

Stratopanel is a unique acoustic ceiling lining with high acoustic performance and six edge-to-edge perforation patterns. Stratopanel is an easy-to-install ceiling solution that provides design flexibility and assists in delivering comfortable spaces for your project.

Stratopanel is a complete system, designed, built, tested and warranted with approved accessories. To ensure your Stratopanel Ceiling System performance, Knauf recommends specifying and purchasing the associated items. Substitution products may affect the system's performance and warranty.

Advantages

- Stratopanel is a visually striking gypsum board that delivers a seamless monolithic appearance to interior ceilings
- Tested acoustic performance of up to NRC 0.90
- 6 different perforation patterns are available to suit your individual design flexibility and expression.
- Re-paintable without the loss of acoustic performance
- No taping of joints required via our gypsum based synthetically enhanced Uniflott Jointing Compound meaning fast installation with strong joints
- Demountable/reusable*

Application

- Educational Buildings: classrooms, cafeteria and libraries
- Healthcare Facilities: patient rooms and waiting areas
- Commercial Spaces: retail, offices, lobbies, conference halls and hospitality venues

Fire Hazard Properties

Group 1 – in accordance with NCC Specification C1.10
Fire Hazard Properties – Floors, Walls and Ceilings

VOC

Less than 0.500 mg/m²/hr VOC

Handling, Delivery and Storage

To maintain Stratopanel in optimal condition before installation, please follow Knauf's handling, delivery and storage guideline. The boards should always be protected from damage or any conditions that could compromise their final appearance or performance.

Stratopanel must remain dry, stored off the ground and fully shielded from weather exposure. Delivery to the site should only occur once the building has reached the lock-up stage. To minimise the risk of damage, Knauf recommends to schedule delivery as close to the installation time as possible. Special care must be taken to avoid damaging the edges or surface of the boards.

Prolonged exposure to excessive humidity during storage can cause the plasterboard to become damp, soft or appear defective. If this occurs, the boards should be allowed to dry thoroughly and handled with caution during installation to prevent further damage.

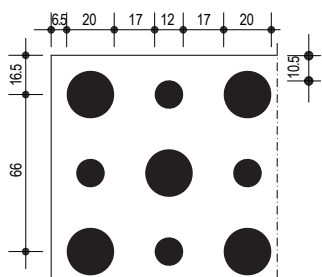
Installation, Jointing and Finishing

For access panel details and installation guide on Stratopanel ceiling system please refer to our Stratopanel Manual.

* Stratopanel Perforated Acoustic Board is only demountable or reusable when installed using the correct screw-fixing method, with Cleano Caps and without setting any of the joints. Please consult TecAssist or your Knauf representative to ensure compliance with the recommended installation guidelines.

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Knauf Item Code: 00636391



Acoustic Data							Product Description	
Overall Cavity Depth (mm)	Insulation	α_w	Class	SAA	NRC	CSIRO Acoustic Test Report No.	Thickness (mm)	12.5
							Length (mm)	1980
							Width (mm)	1188
200	Nil	0.65(LM)	C	0.73	0.75	AC359-12-1	Weight (kg m ²)	7.7
	KI 50G11	0.75(L)	C	0.83	0.85	AC359-13-1		
400	Nil	0.75(L)	C	0.72	0.70	AC359-05-1	Open Area (%)	19.6
	KI 50G11	0.80(L)	B	0.82	0.80	AC359-04-1		

Associated Items



Uniflott Jointing Compound



Access Panels



Rondo Concealed Ceiling System components (inc. 605 furring channel)



Cleaneo Screw Caps (limited seismic applications)



Knauf Finishing & Jointing Compound



Jet Spatula & Jet Trowel



Knauf Insulation Glasswool Ceiling Batts

Indoor Environment Quality

Knauf plasterboard products have been independently tested to confirm compliance with Green Star specification limits for VOCs and formaldehyde, refer to report CETEC V2111.

References

For detailed information on Volatile Organic Compound (VOC) emissions and fire test reports, please visit knauf.com.

Safety Use Instruction

Stratopanel is not classified as hazardous according to the criteria of the National Occupational Health and Safety Commission (NOHSC). It is both non-toxic and non-flammable. For detailed safety information including handling, storage and first aid guidance, please visit the relevant product page on knauf.com to access safety datasheet and additional resources.

Sustainability

Knauf products are manufactured from a combination of natural gypsum and liner paper. Lightweight plasterboard construction offers the benefits of low embodied energy and non-toxic materials.

When installed using express joint, unfilled UFF edge profile and Cleaneo Cap screw system, the panels are demountable and can be repurposed avoiding landfill.



Technical Resources



Stratopanel Manual



CAD Library



eSelector

Technical Assistance

TecASSIST™ 1800 811 222

Sales Enquiries

1800 003 377

knauf.com

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