



ACOUSTIC BAFFLE CEILINGS

Baffle NRCO.9

High performance sound absorbing ceiling panels

Technical Data sheet

Description

The Baffle is a vertically suspended lightweight acoustical panel made of high-density fiberglass. The surface is coated with white elegant EXSOUND sound absorption coating with excellent sound absorption characteristics.

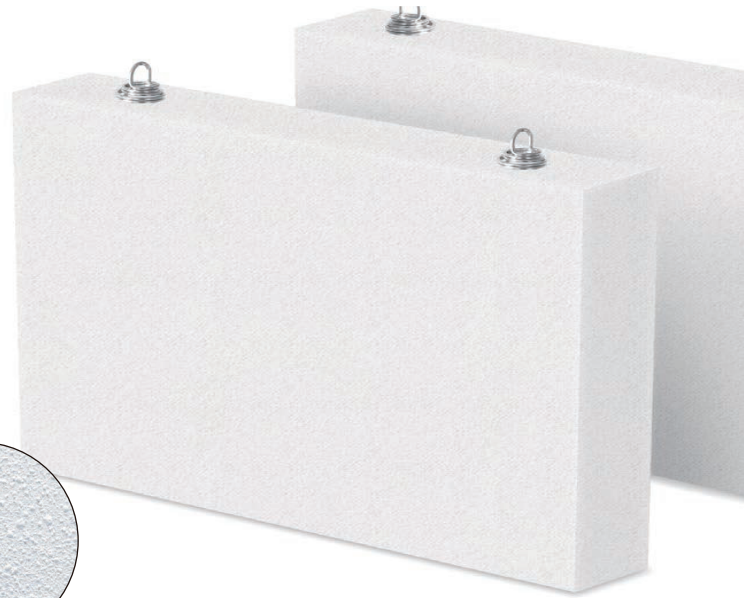
The size of standard sound-absorbing pendant is 1200 × 600 × 40mm and 1200 × 300 × 40mm.

The panel is designed to provide a pleasing aesthetic alternative to the ceiling system.

The panel ensures good light reflection and is used in noisy environments ensuring high sound absorption. The Tabs system provides excellent acoustic performance and can be installed directly onto exposed concrete soffit. It also increases energy-saving by allowing natural cross ventilation of cold and hot airflow.

This system is ideal in a noisy environment where the space does not allow installation of a wall to wall ceiling system.

The free hanging baffle gives you the opportunity to create your own design flow beyond the limitations of a standard ceiling.



Performance Advantage

Beautiful, frameless, innovative, sound-absorbing, independent ceiling

- Provides excellent acoustic comfort
- Improves the articulation of speech
- Particularly suitable for areas where suspended ceilings cannot be applied
- Factory preformed modular products for easy installation.
- Various sizes and colors can be used to create beautiful designs acoustic effect
- The baffle significantly minimizes background noise and reverberation when a minimum of 40-60% of the m² of the room space has been fitted with the baffle system
- Enhances the overall comfort of the environment
- The baffle can be installed with various lighting elements to illuminate a design feature

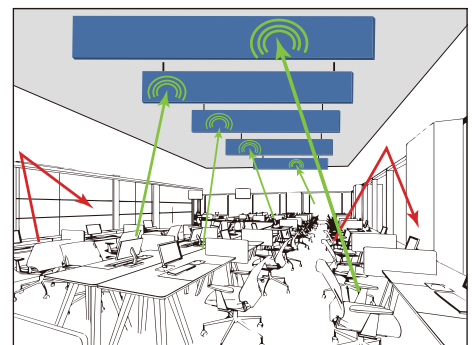
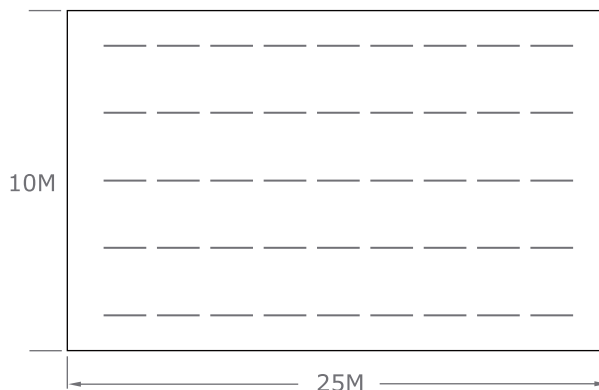


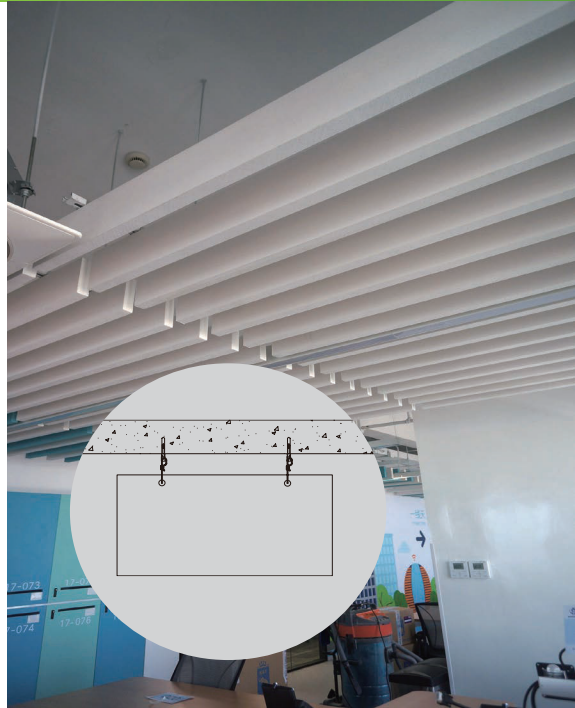
Benefits

- Modern linear appearance
- Great acoustic performances
- Integrated spiral anchors
- Factory fitted for easy
- Alignment and installation
- Install individually or in groups
- High light reflectance
- For energy savings

Application

- Open Plan Offices
- Education Facilities
- Health Care Facilities
- Sports Venues
- Retail Outlets
- Cinemas
- Leisure
- Art Galleries
- Places of Worship





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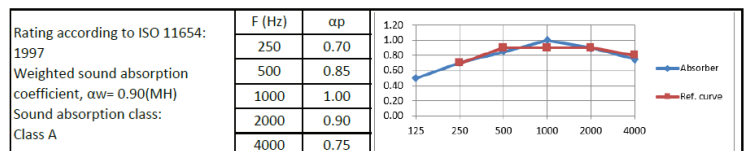
Baffles provide an economic solution with an attractive linear visual to enhance modern building interiors. Available in standard white or in bespoke colours and sizes to match individual project requirements. Ready to fit, they come complete with pre-screwed spiral anchors making them the easiest and quickest baffle solution on the market.

When designing indoor environments it is important to define what the space is used for and who will be occupying it. The versatility of the free-hanging acoustic panels gives you the freedom to treat each individual space optimally.

- Allows more space and easy access on ceiling for services
- Enables natural light to come through
- Greater area of absorbing material can be used, particularly for high ceilings
- Can be easily installed on a T-section suspended ceiling grid or individually suspended
- Can be used where concrete soffit needs to be exposed for thermal reasons
- The edges can be painted to suit colour scheme
- Quickly demountable
- Height can be easily adjusted
- Colours can be used to create visually stunning effects

Technical Data

- Free Suspension
- Fire rating A2
- Sound absorption NRC0.9
- Light refraction LR 0.83
- Moisture resistance RH99
- Mold/Mildew Resistant



PHYSICAL DATA

MATERIAL:

High density glass fiber wool panels

DENSITY: 100kg/m³

COLOUR: White Clour-all

FIRE CLASS (ASTM E1264)

All are Class A2 per CN
Flame Spread: 25 or less
Smoke Developed: 50 or less

SOUND ABSORPTION: NRC0.9

MAINTENANCE

Wipe with a soft cloth or vacuum with brush attachment. Cleanable with mild detergent.

MOISTURE RESISTANCE: RH99

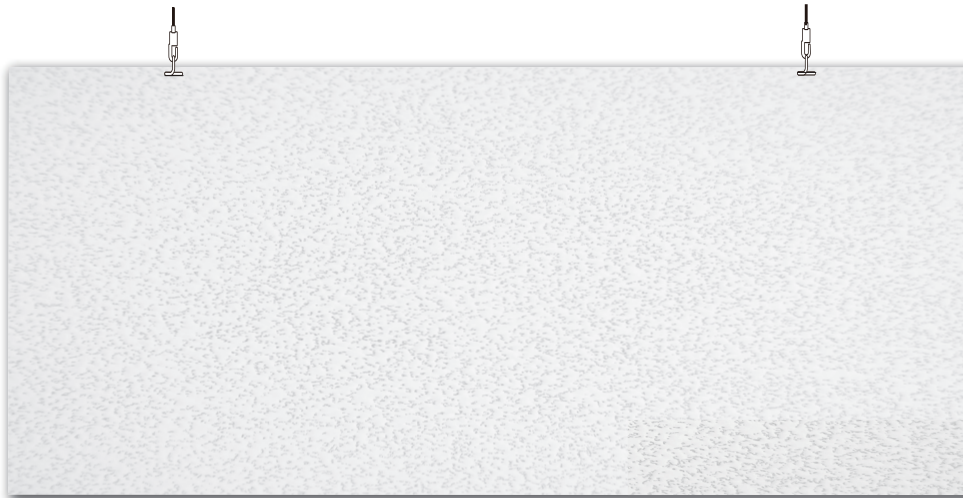
LIGHT REFRACTIVE: 0.83 (LR)

MOLD/MILDEW RESISTANCE

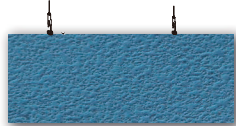
Fiberglass substrate is inherently resistant to the growth of mold and mildew. Asbestos-free

RECOVERABLE: 71%

WARRANTY: 12 years



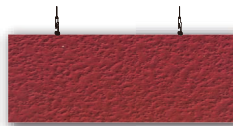
60120050AW600



60120050A#700G



60120050A#700Y



60120050A#700R



60120050A#700B

- Baffles can be hung from the ceiling in straight lines, waves or zig zag patterns.

- Creating interesting designs with colours & shapes while adding an acoustic benefit to the space.



Product Description

- Base Material: 100K Fiberglass plate
- Colour: White (WH)
- Edge: Painted on edges
- *Other RAL colours available on special request.

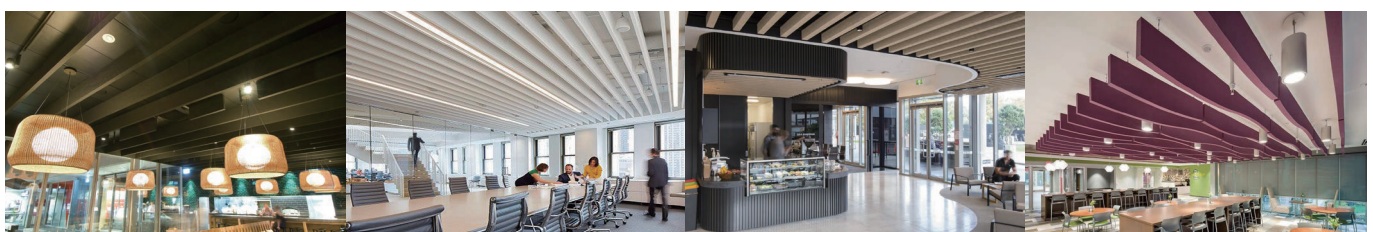
Design Performance

- Free hanging acoustic panel
- Creative colour range
- Freedom to create high end design
- Available in different sizes
- Installation with lights can add contrast to the design

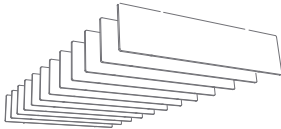
Edge	Dimension (mm)	Hanging Installation	Kit content
	600x1200x30/40/50 300x1200x30/40/50 600x2400x30/40/50		1 Hanging wire kit required for 2 Baffles: - 4x hanging wires - 4x cable adjustors - 4x cable finishing hooks Hanging kit to be ordered separately

Acoustic Installation

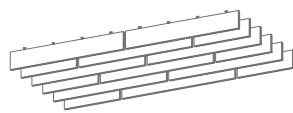
Effectively used to provide a high level of sound absorption in schools, offices, leisure centres, transport hubs, social areas, healthcare facilities, Universities, call centres, food Industry. It is suitable for low energy consumption buildings using high thermal quality building technology. Daylighting of regional skylights, inability to properly suspend the grid to a fixed location, and the need for more economical solutions.



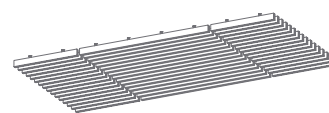
All products in this line feature these attributes:



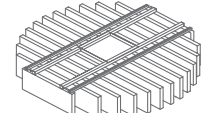
Rectangular
3920 - 600x1200x40mm
3921 - 600x2400x40mm



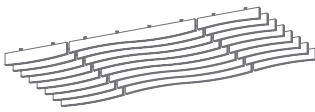
Rectangular
3934 - 400x1200x40mm
73924 - 400x1200x40mm



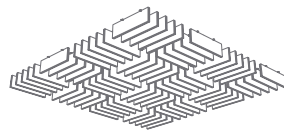
Linear
P 3926 - 150x1200x40mm
3191 - 150x2400x40mm



Rectangular
3924 - 200x2400x40mm



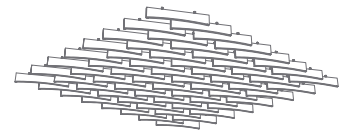
Wave
5240 - 300x1200x50mm
5241 - 300x1200x50mm
7252 - 300x2400x50mm



Rectangular
7192 - 600x1200x50mm



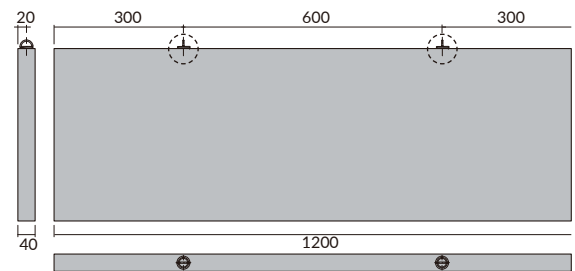
Wave
7251 - 600x1200x50mm
7246 - 400x1200x50mm



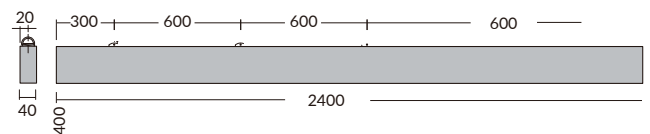
Concave/Convex
7240 - 300x1200x50mm

Product Code	Size (mm)	Packing (Pcs/box)	Weight
RL 3920WH	600x1200x40	8pcs/ctn	4.5kg/product
RL 5134 WH	600x1800x40	8pcs/ctn	3.5kg/product
RL 3920WH	600x1200x40	8pcs/ctn	4.5kg/product
RL 5134 WH	600x1800x40	8pcs/ctn	3.5kg/product

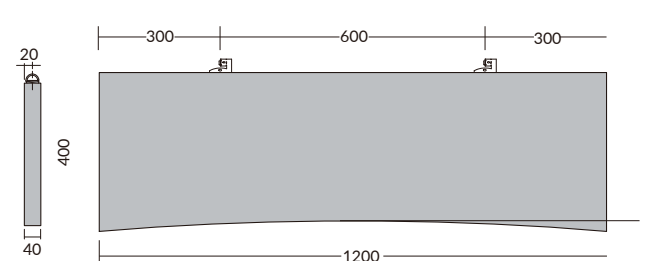
Rectangular Model 1 600x1200x40 mm



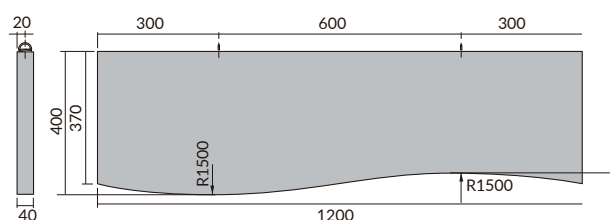
Linear Model 2 :200x1800x40 mm



Convex Model 3 200x2400x40 mm



Wave Model 4 400x1200x40 mm



ACCESSORIES



Adjustable wire sling



Adjustable wire spring



Ceiling grid



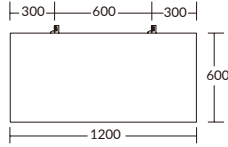
Connecting piece



Rectangular Vertical Panel

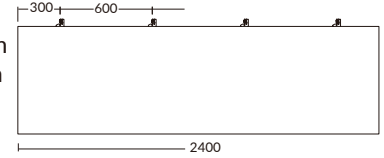
3920

Size: 600×1200mm
Tick: 30/40/50mm



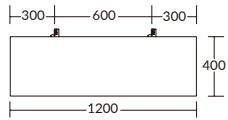
3921

Size: 600×2400mm
Tick: 30/40/50mm



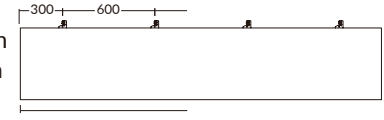
3923

Size: 400×1200mm
Tick: 30/40/50mm



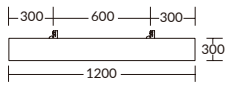
3924

Size: 400×2400mm
Tick: 30/40/50mm



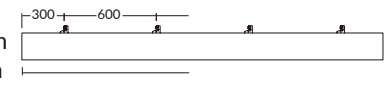
3925

1Size: 300×2400mm
Tick: 30/40/50mm



3926

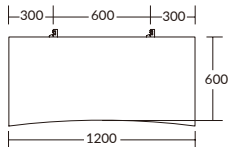
Size: 200×2400mm
Tick: 30/40/50mm



Concave/Convex Vertical Panel

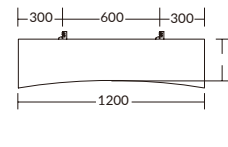
5247

Size: 600×1200mm
Tick: 30/40/50mm



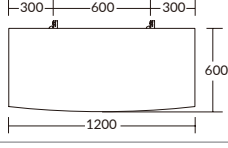
5248

Size: 300×1200mm
Tick: 30/40/50mm



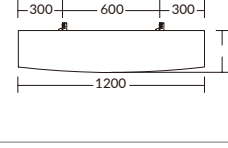
5249

Size: 600×1200mm
Tick: 30/40/50mm



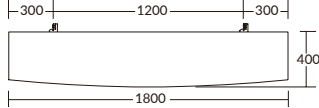
5250

Size: 600×2400mm
Tick: 30/40/50mm



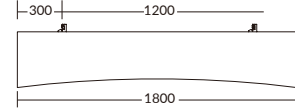
5244

Size: 400×1800mm
Tick: 30/40/50mm



5245

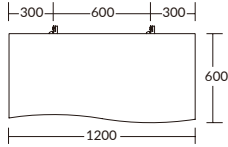
Size: 400×1800mm
Tick: 30/40/50mm



Wave Vertical Panel

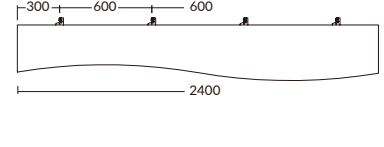
7251

Size: 600×1200mm
Tick: 30/40/50mm



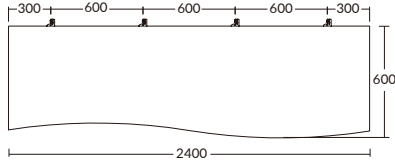
7252

Size: 600×2400mm
Tick: 30/40/50mm



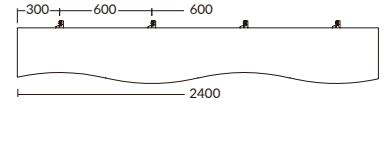
7253

600×2400×40/50mm



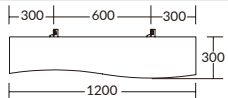
7254

Size: 600×2400mm
Tick: 30/40/50mm



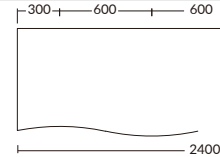
7255

Size: 300×1200mm
Tick: 30/40/50mm



7256

Size: 600×2400mm
Tick: 30/40/50mm



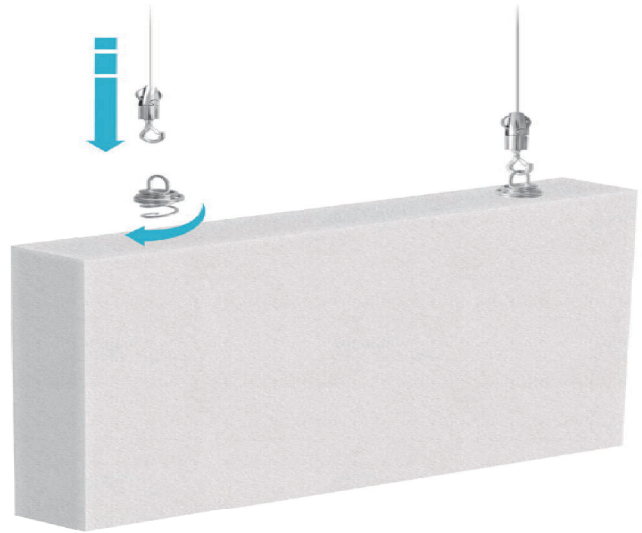
Installation

Spring Mounted Hanger Kit

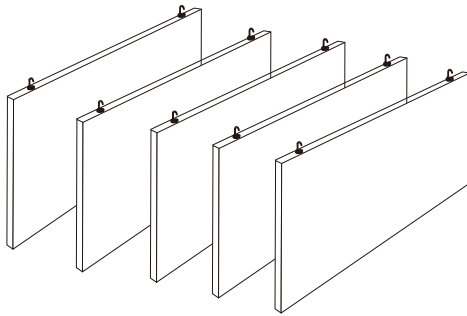
Innovative "coil spring fixed hanger" kit for simple mounting.

The spring anchor is simply installed by twisting clockwise into the panel.

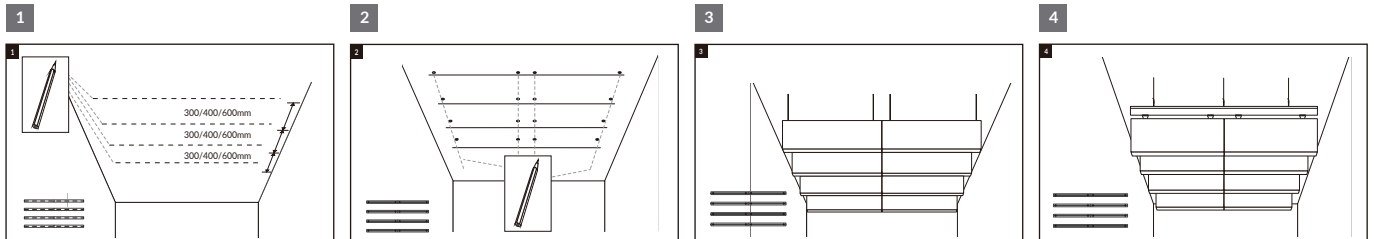
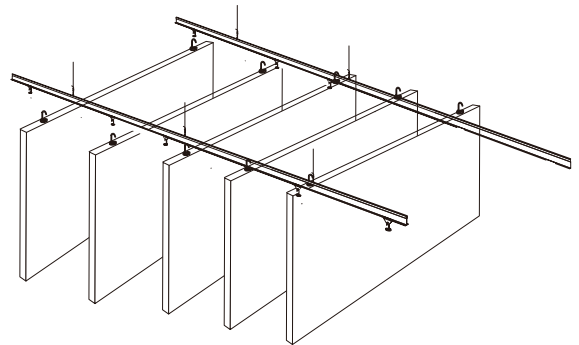
Each coil spring anchor is equipped with 2 metres hanging wire, adjuster and fixed expansion bolt.



Installation Method 1: Spring Anchor Fixture Kit

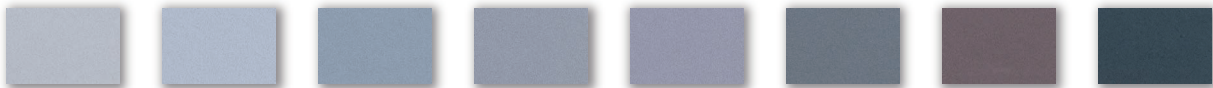


Installation Method 2: Installation of 800 T-type Keel System Group



Colour

Smooth surface NRC 0.8+ and CAC 35+

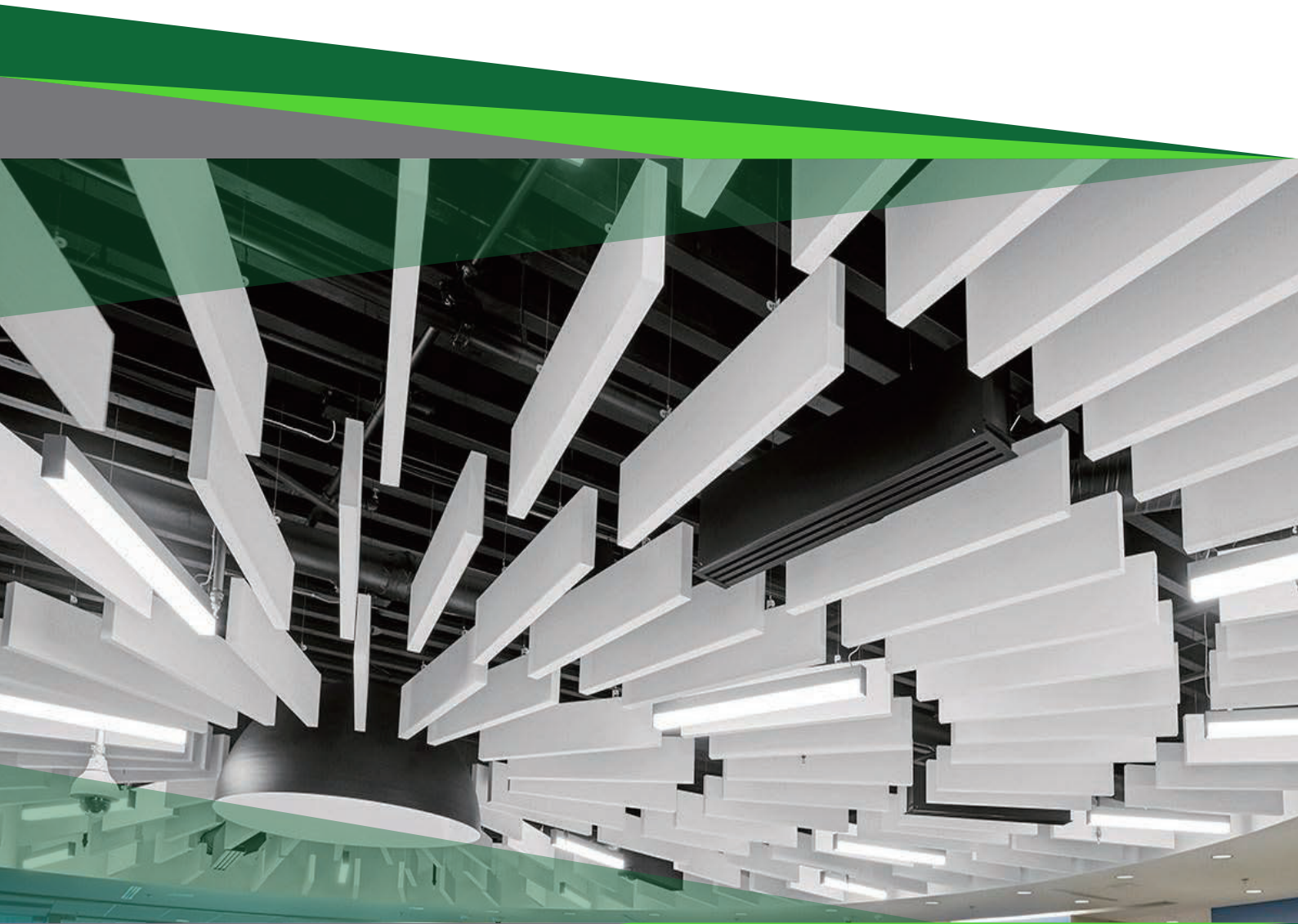


NRC 0.8+ and CAC 35+



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