

# Acusorb® Pintar

## Product Range & Technical Details

Revision 2.1

Architectural Acoustics



## Acusorb® Pintar Introduction.

### Product Overview

The Pintar acoustic ceiling rafts, baffles and wall panels are finished in a **fire-rated glass tissue** facing, available in **white or black**, combining clean aesthetics with dependable performance and a **BS EN 13501-1 Euroclass B-s1,d0** fire rating. As a retrofit solution, **Acusorb® Pintar** transforms existing spaces with a simple upgrade, delivering high acoustic performance without compromising on style. The panels are designed to absorb sound and control reverberation, creating a softer, more comfortable acoustic environment with clearer speech intelligibility.

Installation is straightforward for the cei simply locate and fit Acusorb® Pintar acoustic rafts and baffles using adjustable drop-wire kits for ceiling suspension. This allows rapid installation, a refreshed visual appeal, enhanced sound absorption and strong design flexibility. Panels are supplied **with either a bevelled edge or a square edge**, factory-finished to maintain the **Euroclass B-s1,d0** rating, choose a **bevelled edge** for a softer shadow line or **square edge** for crisp alignment and a more monolithic look. The **white or black glass tissue finish** presents a uniform appearance, is easy to wipe clean and requires very little maintenance.

***“A perfect acoustic solution for when clean lines and a contemporary feel is required”***

With noise control in mind, these **glass tissue-faced** acoustic panels perform best when installed with an **air gap** behind, forming a refined acoustic ceiling system with excellent absorption characteristics. **Acusorb® Pintar** achieves **Class A acoustic performance** and is ideal for areas employing thermal mass/air-tightness approaches, allowing air to flow freely around the room.

Pintar is an excellent accompaniment to any internal space where reflective sound may become an issue, including large atriums, concert halls, lecture theatres, cinemas, hotels, restaurants, lobbies, reception areas and other large public interiors. Beyond acoustic results, **Acusorb® Pintar** offers strong visual qualities that enhance the dynamics and appearance of any space. Panels are available in a variety of sizes and shapes and are typically **40 mm** thick.



## Acusorb® Pintar Glass Tissue Upholstered Acoustic Panels.

Acusorb® Pintar



**Acusorb® Pintar Rafts & Baffles. 'Class A' acoustic performance, perfect for areas using a 'thermal mass construction' air tightness building method.**

### Acoustic rafts and baffles with superb visuals

#### Description

The Acusorb® Pintar acoustic panels are a finished acoustic ceiling absorption system that combines great looks with proven performance. This range offers an exciting, creative alternative to traditional fabric-wrapped ceiling rafts and baffles. Pintar Rafts and Baffles are an ideal retrofit solution that can transform an existing ceiling with a simple upgrade. Designed to deliver high acoustic performance without compromising on style, their purpose is to absorb sound and control reverberation, reducing the "echo" effect for clearer speech intelligibility and improved acoustic comfort.

Installation is straightforward. Simply locate and fit Acusorb® Pintar acoustic panels using adjustable drop wires to achieve rapid installation, a refreshed visual appeal and strong design flexibility. In place of a paint finish, **Pintar panels are now supplied with a fire-rated glass tissue facing in either white or black**, providing a clean, uniform aesthetic, easy wipe-clean maintenance and dependable **BS EN 13501-1 Euroclass B-s1,d0** fire performance.

These panels are available in a range of attractive geometric shapes, giving you design options to address reverberation while maintaining a refined visual. **Edge profiles can be specified as either bevelled or square**, allowing you to create soft shadow lines or crisp alignment to suit the scheme. Finishes (white or black), shapes and suspension heights can be mixed and matched to achieve the desired look and acoustic coverage.

Acusorb® Pintar acoustic panels suit a wide variety of applications, including offices, schools, restaurants, hospitals, retail, hospitality and leisure facilities. They deliver excellent acoustic results and strong visual characteristics that enhance the dynamics and appearance of any space. Panels are available in a variety of shapes and sizes, are typically **40 mm** thick, and can be sized and shaped to your specification (subject to quantity). Pintar achieves **Class A acoustic performance** and is well suited to buildings using thermal mass/air-tightness strategies, allowing air to flow freely around the room.

## Core Materials.

Acusorb® Pintar acoustic ceiling rafts, clouds, baffles and wall panels are manufactured from high-density resin-bonded mineral fibre with a fine-texture **fire-rated glass tissue** facer and backer in **white or black** (BS EN 13501-1 **Euroclass B-s1,d0**). The main advantages of Acusorb® Pintar acoustic panels are their excellent sound absorption, dimensional stability under temperature fluctuations and reliability in humid conditions. Acusorb® Pintar wall and ceiling panels are energy-efficient, offering superior thermal insulation, ideal for 'thermal mass construction'/airtightness strategies by enabling air to flow freely around the room.



### Communal Area Circular Rafts

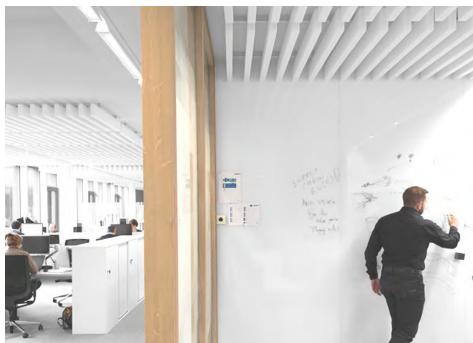
Modular and quirky, designed for sound control.

### Atrium Random Rafts & Baffles

Maximum acoustic coverage in a seemingly impossible place.

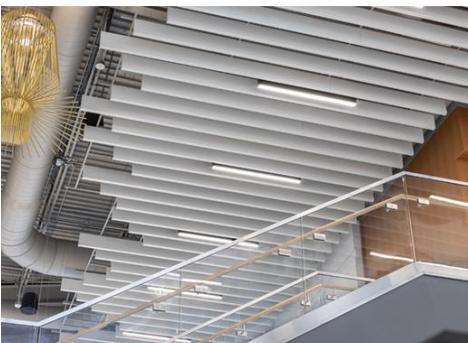
### Office Hex Rafts

Designed with character, to quieten down an otherwise noisy office.



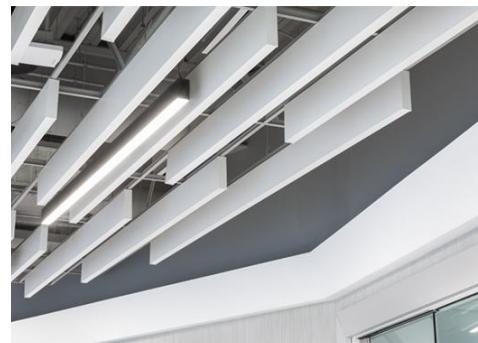
### Meeting Room Linear Baffle

Clean lines, high absorption designed for speech intelligibility.



### Atrium Scatter Baffle

Scattered effect to hide services and incorporate lighting.



### Office Stagger Baffle

Staggered effect for maximum passage of sound coverage.



Acusorb® Pintar

### Acusorb® Pintar: Glass Tissue Acoustic Rafts & Baffles

Glass tissue covered glass-fibre acoustic ceiling treatments are among the most effective ways to reduce reverberation and create a sound-controlled working environment, ideal for offices, auditoriums, classrooms, restaurants and other commercial interiors.

Acusorb® Pintar panels are supplied with a **fire-rated glass tissue facing** in **white or black** (not a paint finish), delivering **Class A acoustic performance** with **BS EN 13501-1 Euroclass B-s1,d0** fire rating. Available in a wide range of sizes and geometric shapes, Pintar enables you to achieve the precise design aesthetic and acoustic coverage your scheme requires.

## Acoustic Performance.

(Typical acoustic absorption for a 40 mm panel: **Class A** when suspended horizontally with a  $\geq 250$ mm air gap, and **Class C** when suspended vertically.)

### Vertically Suspended Sound Absorption

#### Sound Absorption Coefficient (tested to BS EN ISO 354)

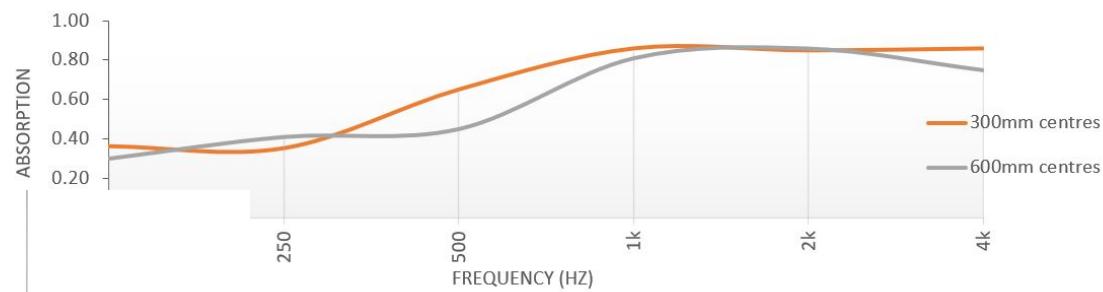
Acusorb® Pintar Baffle	O.S.D (mm)	Octave Bands (Hz)						$\alpha_w$	NRC	Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
		125	250	500	1k	2k	4k			
600mm centres	600	0.36	0.35	0.65	0.86	0.85	0.86	0.61	0.68	C
300mm centres	300	0.30	0.41	0.45	0.81	0.86	0.75	0.56	0.63	D

\* Absorber Classification 'A' when laid in the horizontal position.

Absorber Classifications  
tested in accordance with  
BS EN ISO 11654: 1997

Temperature 24°C  
Relative Humidity 46%

O.S.D = Overall System Depth



### Horizontally Suspended Sound Absorption

#### Sound Absorption Coefficient (tested to BS EN ISO 354)

Acusorb® Pintar Raft	125	250	500	Octave Bands (Hz)			$\alpha_w$	NRC	Building Regulations Absorber Classification When tested to BS EN ISO 11654-1997
				1k	2k	4k			
With 100mm suspension	0.46	0.85	0.96	1.00	1.00	1.00	1.00	0.99	A

Absorber Classifications  
tested in accordance with  
BS EN ISO 11654: 1997

Temperature 24°C  
Relative Humidity 46%



## Technical Properties.

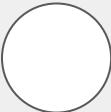
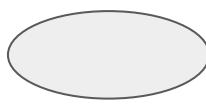
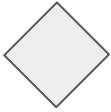
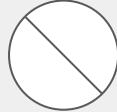
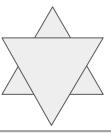
Acusorb® Pintar Suspended Acoustic Panels	
Thickness	40mm
Size(s)	<ul style="list-style-type: none"> <li>- 1200x1200mm, 1200x2400mm, 1200x2800mm 1200x3000mm</li> <li>- 600x600mm, 600x1200mm, 600x2400 mm, 600x2800mm, 600x3000mm</li> <li>- 300x600mm, 300x1200mm, 300x2400 mm (bespoke sizes available on request)</li> </ul>
Reaction to Fire	B1-s1,d0: (EN 13501-1) <i>Reaction to fire is classified in accordance with EN 13501-1</i>
Material Type	High-density glass wool core
Surface Finish	Encapsulated in acoustically transparent glass tissue.
Density (mass) kg/m <sup>3</sup>	95-110 kg/m <sup>3</sup>
Edge Detail - Hard edged and wrapped	 - Square edge detail  - Bevelled edge detail
Installation	Suspension drop wire kits
Surface Weight	5 kg/sqm
Cleaning	<b>Vacuum</b> <i>The surface can be vacuum cleaned with a soft brush attachment or wiped down with a damp cloth.</i>
Thermal resistance (R <sub>o</sub> ) m <sup>2</sup> K/W	0.35
Thermal conductivity (λD) W/mK	0.066
Bend (BS EN 12089) kPa	≥ 1300
Compression (EN 826) kPa	≥ 300
Chloride content (EN 13168) %	≤ 0.06 class CI3
Environment	Fully recyclable
Hygiene	<b>Glass fibre provides no sustenance to microorganisms</b> <i>Glass fibre provides no sustenance to the following microorganisms tested in accordance with JIS Z 2801:2000 and ASTM C 1338-96: - Escherichia coli - Staphylococcus aureus - Methicillin-resistant staphylococcus aureus (MRSA) - Stachybotrys chartarum - Penicillium brevicompactum - Alternaria tenuissima - Aspergillus niger - Sporobolomyces roseum - Rhodotorula rubra.</i>
Indoor Environment	<b>Energy efficient</b> <i>Low thermal conductivity to help create an energy efficient and comfortable space</i>

The information contained in this data sheet is believed to be correct at the date of publication. The information is based on our general experience and is given in good faith but because of the many factors outside our knowledge and control which may affect the product no warranty is given or is to be implied with respect to such information. Acuphon Ltd reserves the right to alter or amend the specification of their products without notice as their policy is one of constant improvement.

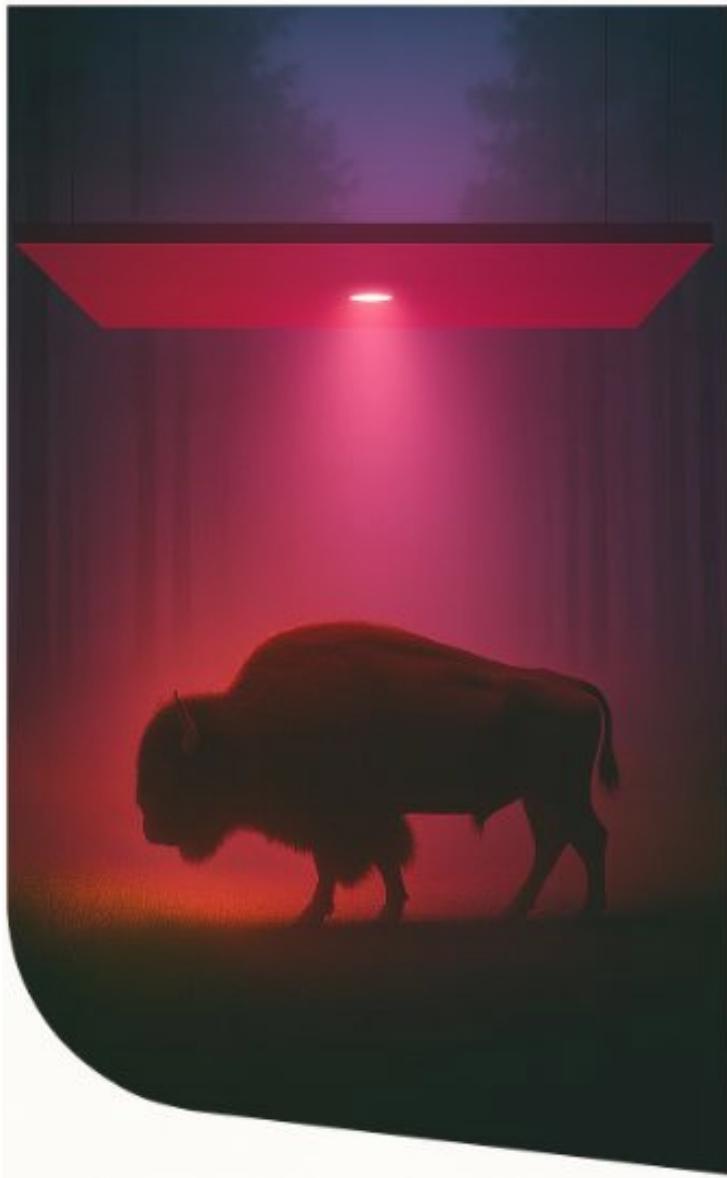
## Geo Shapes.



## Standard Sizes.

Shape	Description	Sizes available
	Pintar Circle	600mm Dia, 900mm Dia, 1200mm Dia.
	Rectangle	600 x 1200mm, 1200 x 1200mm, 600 x 1800mm, 600 x 2400mm
	Hexagon	600 x 520(h)mm
	Square	600 x 600mm, 1200 x 1200mm
	Triangle	600x520(h) mm
	Ellipse	600 x 1200mm
	Cloud	600 x 730mm
	Diamond	600 x 1200mm
	Oversize circle (2 pieces)	1600mm Dia, 2400mm Dia
	Star	600 x 600mm, 900 x 900mm, 1200 x 1200mm

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Acuphon is a specialist supplier of advanced indoor acoustic systems designed to enhance performance, comfort, and wellbeing across all environments. We understand the positive influence sound can have on people's lives and are committed to creating spaces where acoustics contribute to focus, clarity, and calm.

Every solution we provide reflects our dedication to quality, innovation, and design excellence — delivering the perfect balance of function and form. Guided by experience and driven by purpose, Acuphon continues to shape environments that sound as good as they look.

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