

Avant 25™ Theatre Black



High Sound Absorbing Ceiling Panel

Technical Data sheet



Description.

Avant 25 Theatre Black™ is an economical made in NZ high sound absorbing glass fibre ceiling panel with mat black glass tissue facer. Panels lay into black capped T24 grid.

Application.

Avant 25™ is ideal for use in theatres, clubs, retail and other applications that require a mat black finish and good control of background noise levels and reverberation times.

Composition.

Manufactured in NZ from bio-soluble resin bonded glass fibre board finished with printed mat black glass tissue facer.

Benefits.

- Economical mat black acoustic tissue facing.
- High sound absorption rating to control back ground noise levels and reverberation. ISO 11654 class A, aW 0.95; NRC 0.90 per ASTM C423 .
- Made in NZ, short lead times and low transport km's compared to imported panels
- Contains 60% recycled local glass waste
- Dimensionally stable in high humidity
- Light weight and easy to trim and install



Technical Specifications

Item #	Size (nominal) *	Edge
AC12533A-BK	25 x 600 x 600 mm	A / Square
AC12534A-BK	25 x 600 x 1200 mm	A / Square

* Other sizes made to order, consult Asona Ltd

Sound Absorption Rating:						
aW 0.95; Class A; NRC 0.90 per ASTM C423 ISO 354 E-200						
Hz	125	250	500	1000	2000	4000
ap	0.60	0.80	0.95	0.95	1.00	1.00

Accessibility:

All panels are demountable and accessible

Back loading:

Max. 1.5 kg/m², point loads shall be independently supported.

Colour:

Mat black

Environmental impact:

Made from recycled glass windows, 60% recycled content, product and packaging can be reused/recycled.

Fire Reaction:

AS1530 pt 3.

Smoke developed 3, spread of flame 0.

Humidity:

Non hydroscopic, dimensionally stable, resists fungi and stains
Max 95% R/H at 45°C.

Light reflectance:

ASTM C1477 LR-1, >75%

Maintenance:

Clean with vacuum, soft brush or damp cloth.



NZ Building Code:

Clause B2—durability, 5 years

Thermal Resistance:

R 0.5 m²°C/W

Weight:

1.5 kg/m²

Installation:

Shall not commence until the building is water tight and dry. Light fittings shall be independently supported, use hold down clips in areas of wind uplift. It is recommended that air grilles be installed in the ceiling to balance air pressure differentials.

Specification:

Ceiling panels shall be Asona Avant 25 Theatre black high sound absorbing glass fibre ceiling panels with mat black glass tissue facer as manufactured by Asona Ltd, Tel: 09 525 6575, Fax: 09 525 6579, Item No. (), module () x ()mm, 25 mm thick, sound absorption Class A, aW 0.95, NRC 0.90, colour mat black, installed on black capped DX exposed grid.

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