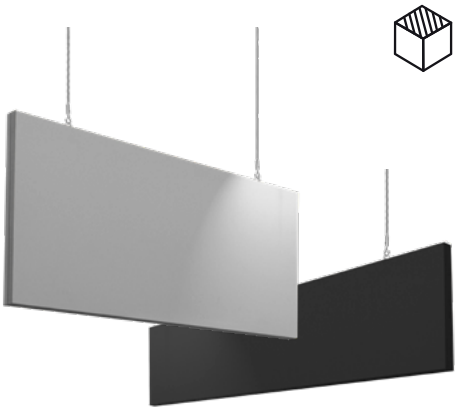
Acoustic Baffles



Broadway Baffles are a professionally proven, ceiling-suspended acoustic solution. Designed to reduce ambient noise, reverberation, and distracting echoes in spaces of any size by absorbing sound on both sides, they provide broadband absorption without taking up valuable wall space.

A high-density sound absorption treatment, Broadway Baffles are particularly effective for taming acoustic anomalies in large rooms with low ceilings, including community halls, conference rooms, houses of worship, and any environment where speech intelligibility and overall acoustic comfort are essential.

Construction

Core Panel Material: Formed, semi-rigid inorganic glass fibres.

Backing: Glass wool tissue micromesh.

Fabric Finish: Acoustically transparent Polyester fabric.

Paintable Finish: Paintable Absolute White™ latex coating.

Edge Treatment: Sealed and hardened with Resin.

Density: 6lb/ft³ (96kg/m³)

Recycled Content: Up to 51%

EPD & HPD declarations are available on request.

Available Options

Dimensions

Saturna
48 x 24" (1,219 x 610mm)

Saturna LP
48 x 12" (1,219 x 305mm)

Edge Type

☐ Square Edge

Thickness

1.5" (35mm)

Available Finishes

Broadway Core Fabric

Black (00), Arctic White (01) and Grey (08) only

Paintable Absolute White™

For detailed swatch information, please refer to the swatch sheet for your chosen finish, (appended to this document).

Acoustic Testing

Fabric Finish*

ASTM C423-02a; ASTM E795-05 (Type A)
Tests conducted on a 2" (51mm) thick panel

NRC: 1.00

125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
0.45	0.83	1.07	1.00	1.01	1.00	**1.00**

Paintable Finish*

ASTM C423-02a; ASTM E795-05 (Type A)
Tests conducted on a 2" (51mm) thick panel

NRC:
Unpainted - 1.00
Rolled Paint - 0.50
Light Spray Paint - 1.05
Heavy Spray Paint - 0.79

125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	NRC
0.32	0.87	1.11	1.04	0.96	0.96	**1.00**

Array Tests

The layout and spacing of the baffle array will have a significant impact on performance.

12" (305mm) spacing
Saturna, Fabric - NRC: 1.05
Saturna, Paintable - NRC: 0.95
Saturna LP, Fabric - NRC: 0.95
Saturna LP, Paintable - NRC: 0.85

15" (381mm) spacing
Saturna, Fabric - NRC: 0.55
Saturna, Paintable - NRC: 0.50
Saturna LP, Fabric - NRC: 0.45
Saturna LP, Paintable - NRC: 0.40

Detailed array tests are available at primacoustic.com

*Tests listed were conducted on a Broadway panel, mounted to a wall. Exact figures for baffles may differ slightly.

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1845 Kingsway Ave. Unit 1165, Port Coquitlam, BC V3C 0H3, Canada
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Fire Safety Testing

Fabric Finish

CAN/ULC-S102-03 - Class A/1
ASTM E84 - Class A/1
EN13501-1 - Class A-s1,d0
AS/NZS 1530.3 - (I)0,(S)0,(H)0,(Sm)5

Paintable Finish

CAN/ULC-S102-10 - Class A/1
ASTM E84-11b - Class A/1
EN13501-1 - Class B-s2,d0
AS/NZS 1530.3 - (I)0,(S)0,(H)0,(Sm)3

Accolades

Panel contains up to 51% recycled materials

Will contribute to meeting LEED and WELL standards.

Installation Options

All necessary hardware for a standard installation is included.

Suggested tools: Measuring Tape, Stepladder, Drill, Hammer, Level, Wire Clippers.

Method

Suspending Baffles from the ceiling: The standard installation method is to suspend baffles from the ceiling with heavy duty cables. Anchor hardware is available for both the baffle and the ceiling. Primacoustic hardware is recommended.

The number of suspension points required will depend on the size of the panel. Please refer to the installation manual for more information.

Suspension from both solid or hollow-backed ceilings is possible (please talk to you Primacoustic sales representative for alternative installation options) .

Maintenance

A clean, dry cloth is recommended for cleaning the surface of Broadway panels. Water-based and other liquid cleaners are not advised for Paintable Absolute White™ panels, as they may strip the panel's surface coating.

Warranty

Primacoustic acoustic products are guaranteed to be free of manufacturing defects for a period of 3 years after purchase. Please visit **www.primacoustic.com/service-warranty** for more information.

BIM data available at www.primacoustic.com/bim-library

TESTED BY RIVERBANK ACOUSTICAL LABORATORIES

Primacoustic®

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BROADWAY Select Suite — Acoustic Baffles Full Product Range

	SKU	Finish Options	Width	Height	Thickness	Edge Type	Box Qty
Saturna 	Z840-1215-XX	Core Fabric (00, 01, 08)	48" (1,219mm)	24" (610mm)	1.5" (35mm)	Square	2
	Z840-1215-09	Paintable Absolute White™	48" (1,219mm)	24" (610mm)	1.5" (35mm)	Square	2
Saturna LP 	Z840-1220-xx	Core Fabric (00, 01, 08)	48" (1,219mm)	12" (305mm)	1.5" (35mm)	Square	2
	Z840-1220-09	Paintable Absolute White™	48" (1,219mm)	12" (305mm)	1.5" (35mm)	Square	2

* Replace 'xx' with finish code (see Swatch Sheet)

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Primacoustic®

Core Fabric
Select Suite









Core Fabric features Primacoustic's most popular acoustically transparent colours, carefully selected to complement a wide range of commercial, education, worship, and studio environments. With a consistent woven texture and proven acoustic performance, Core Fabric provides a timeless foundation for projects where simplicity, reliability, and design flexibility matter.

Fabric Specifications

For panel specifications, Please refer to the Engineering Data Sheet for your chosen acoustic panels.

Content: 100% polyester.

Roll Width: 54in (1,372mm)

Will contribute to meeting LEED and WELL standards.

Testing

For sound absorption information and NRC values, please refer to the data sheet for your chosen acoustic panels.

Fire Safety

Flammability*:
CAN/ULC-S102-03 - Class A/1
ASTM E84 - Class A/1
EN13501-1 - Class A-s1,d0
AS/NZS 1530.3 - (I)0,(S)0,(H)0,(Sm)5

Cleaning & Maintenance

A clean, dry cloth is recommended for cleaning the surface of Broadway panels. Vacuuming or light brushing is recommended to prevent dust and soil buildup. Water-based and other liquid cleaners are not advised, as they may strip the panel's surface coating. Do Not Bleach.

For more information, please contact your Primacoustic Sales Representative

*Tests listed were conducted on a Broadway glass wool panel, wrapped with Primacoustic Core fabric. Different panel material will effect results.

Broadway Fabrics are a lightweight and acoustic-transparent solution that effortlessly integrates into any space. Please note that while some of the lighter colour options may appear optically opaque, we recommend adding an extra lining or scrim layer to ensure objects remain discreet and hidden behind the fabric, maintaining both aesthetics and acoustic performance.

Due to the nature of the manufacturing process, and finished materials, slight colour variation may occur and is within commercial manufacturing tolerances.

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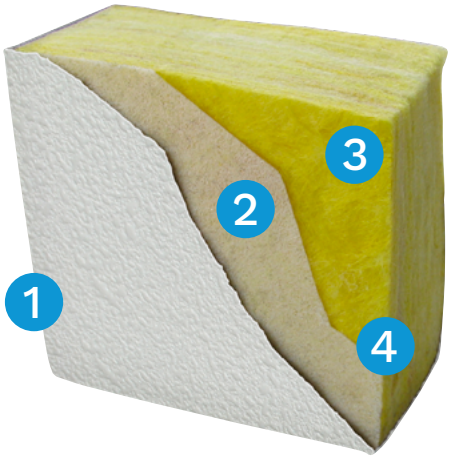
Be Heard

Paintable Absolute White™

Select Suite

Too often there is a tradeoff between achieving high-quality sound absorption and matching a room's design and décor. A panel that's the perfect solution for your room's acoustic problems may only come in certain colours, none of which match the colour scheme or décor of your room. How do you choose which criteria — sound absorption or design — is most important?



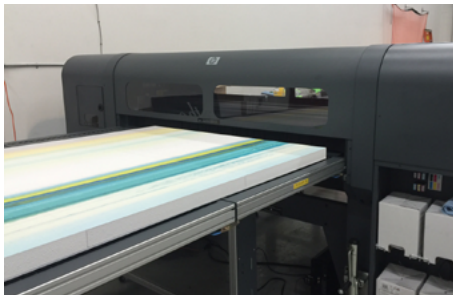
09
Paintable
Absolute
White™

Paintable Absolute White finish on a Broadway Glass wool Panel:

1. Breathable water-based latex paint coating.
2. Glass wool tissue micromesh encapsulates fibres.
3. Resin-hardened edges for clean architectural lines.
4. Formed, high density, semi-rigid glass wool panel.

For exact panel specifications, Please refer to the Engineering Data Sheet for your chosen acoustic panels.







Paintable

Compromise no more. Primacoustic Paintable panels are coated in a breathable latex finish that allows them to be spray-painted any colour you choose, without affecting acoustic performance. Now you can match your design without sacrificing sound absorption.

For detailed information on painting Paintable panels, please refer to **www.primacoustic.com/resources/how-to-paint-paintables/**

Printable

The textured surface of Paintable panels can be custom printed at any local print shop. Commercial printers that offers UV flatbed printing, can apply custom graphics, photos, logos, or any other image of your choice to the face of the panel. This allows even more flexibility when matching the décor and design of your space.

For detailed information on printing on Paintable panels, please refer to **primacoustic.com/resources/how-to-print-paintables/**

Accolades

Will contribute to meeting LEED and WELL standards.

Fire Safety Testing

Flammability*:
CAN/ULC-S102-10 - Class A/1
ASTM E84-11b - Class A/1
EN13501-1 - Class B-s2,d0
AS/NZS 1530.3 - (I)0,(S)0,(H)0,(Sm)3

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Be Heard

Glass Wool Panel Suspension Hardware

Helix

A solid die-cast zinc anchor for hanging Broadway acoustic clouds using the adjustable SlipNot suspension system.

Construction Material: Zinc

Max Load Limit: 45lbs (20.4kg) per anchor

Box Quantity: 12x (F101-1006-00)





Corkscrew

A tensioned steel screw that twists into the edge of a Broadway panel, allowing it to be suspended as a baffle using the adjustable SlipNot suspension system.

Construction Material: Steel

Max Load Limit: 45lbs (20.4kg) per anchor

Box Quantity: 12x (F101-1004-00)





SlipNot

A unique adjustable cable system, designed to suspend glass wool acoustic panels from a ceiling in conjunction with Helix or CorkScrew anchors, or other bespoke hardware. Combines aircraft steel rope with a cam-style releasable hook for easy height adjustment at one end and a simple eye-sling at the other.

Construction Material: Aircraft grade steel

Max Load Limit: 45lbs (20.4kg) per anchor

Box Quantity: 1x (F101-1019-00) | 12x (F101-1018-00)





Rotofast Snap-on Anchors

For installations where clouds need to be mounted securely, flush against the ceiling. Simply twist the anchor into the cloud using the included tool and attach the corresponding locking pins to the ceiling. The panel clicks and locks onto these pins, providing safe overhead/ceiling mounting in high traffic areas.

Material: Plastic

Max Load Limit: 45lbs (20.4kg) per anchor

Box Quantity:
50x anchors, marking plugs, hand tool (F101-1009-00)



