

# Acoustic Ceiling Clouds

Broadway Clouds are a proven professional acoustic solution for taming ceiling sound-wave reflections. A ceiling-suspended acoustic solution, Broadway Clouds absorb sound on their face and trap reflections on their rear side to improve clarity and intelligibility in spaces of any size.

A high-density, sound-absorption treatment, Broadway Clouds are available in rectangular and circular formats and are particularly effective at enhancing speech intelligibility and creating a balanced acoustic environment by absorbing sound across a wide frequency spectrum.



## 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:** 61b/ft<sup>3</sup> (96kg/m<sup>3</sup>)

**Recycled Content:** Up to 51%

**EPD & HPD declarations are available on request.**

## Available Options

### Dimensions

#### 2x4 Acoustic Cloud

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

#### 4x4 Acoustic Cloud

48 x 48" (1,219 x 1,219mm)

### Edge Type



Square Edge

### Thickness

2" (51mm)

## Available Finishes

*In Stock:*

**Broadway Core Fabric**

**Paintable Absolute White™**

*By Request:*

**Waypoint Fabric**

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 |

## 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

\*Tests listed were conducted on a Broadway panel wrapped with Primacoustic Core fabric. Exact figures may differ slightly.

## Installation Options

All necessary hardware for a standard installation is included.

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

### Method

#### **Suspending Clouds from the ceiling:**

The standard installation method is to suspend clouds from the ceiling with heavy duty cables. Anchor hardware is available for both the cloud 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.

**Rotofast Snap-on Anchors** are an alternative method for areas where cable suspension isn't an option. These locking plastic anchors provide a more secure hold, but don't allow as much leeway for adjustment.

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.

## Accolades



Panel contains up to 51% recycled materials



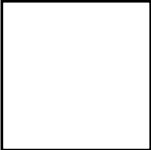
Will contribute to meeting LEED and WELL standards.

## Warranty

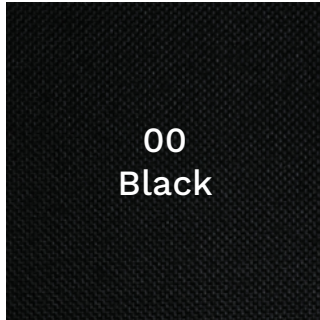
Primacoustic acoustic products are guaranteed to be free of manufacturing defects for a period of 3 years after purchase. Please visit [www.primacoustic.com/service-warranty](http://www.primacoustic.com/service-warranty) for more information.

BIM data available at [www.primacoustic.com/bim-library](http://www.primacoustic.com/bim-library)



|                                                                                                             | SKU           | Finish Options               | Width         | Height        | Thickness | Edge Type | Box Qty. |
|-------------------------------------------------------------------------------------------------------------|---------------|------------------------------|---------------|---------------|-----------|-----------|----------|
| <b>2x4 Cloud</b><br><br>   | B102-2448-XX  | Core Fabric                  | 24" (610mm)   | 48" (1,219mm) | 2" (51mm) | Square    | 6        |
|                                                                                                             | B122-2448-XX  | Core Fabric                  | 24" (610mm)   | 48" (1,219mm) | 2" (51mm) | Beveled   | 6        |
|                                                                                                             | BW102-2448-XX | Waypoint                     | 24" (610mm)   | 48" (1,219mm) | 2" (51mm) | Square    | 6        |
|                                                                                                             | BW122-2448-XX | Waypoint                     | 24" (610mm)   | 48" (1,219mm) | 2" (51mm) | Beveled   | 6        |
|                                                                                                             | B102-2448-09  | Paintable<br>Absolute White™ | 24" (610mm)   | 48" (1,219mm) | 2" (51mm) | Square    | 3        |
|                                                                                                             | B122-2448-09  | Paintable<br>Absolute White™ | 24" (610mm)   | 48" (1,219mm) | 2" (51mm) | Beveled   | 3        |
| <b>4x4 Cloud</b><br><br> | B102-4848-xx  | Core Fabric                  | 48" (1,219mm) | 48" (1,219mm) | 2" (51mm) | Square    | 3        |
|                                                                                                             | BW102-4848-xx | Waypoint                     | 48" (1,219mm) | 48" (1,219mm) | 2" (51mm) | Square    | 3        |
|                                                                                                             | B109-4848-09  | Paintable<br>Absolute White™ | 48" (1,219mm) | 48" (1,219mm) | 2" (51mm) | Square    | 3        |

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



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.

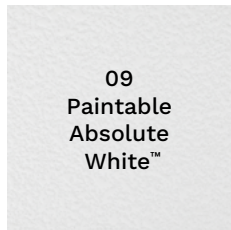
For more information, please contact your Primacoustic Sales Representative

\*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.

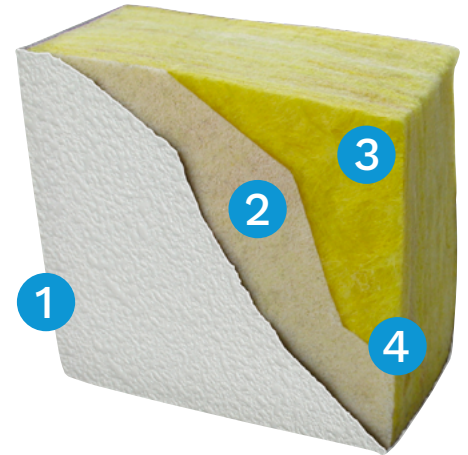
Due to the nature of the manufacturing process, and finished materials, slight colour variation may occur and is within commercial manufacturing tolerances.

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?

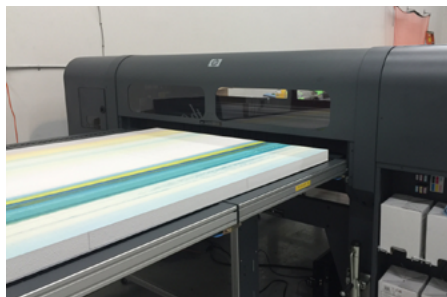


## Paintable Absolute White finish on a Broadway Glass wool Panel:

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/](http://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/](http://primacoustic.com/resources/how-to-print-paintables/)

## Accolades



Will contribute to meeting LEED and WELL standards.

## Fire Safety Testing

### Flammability\*:

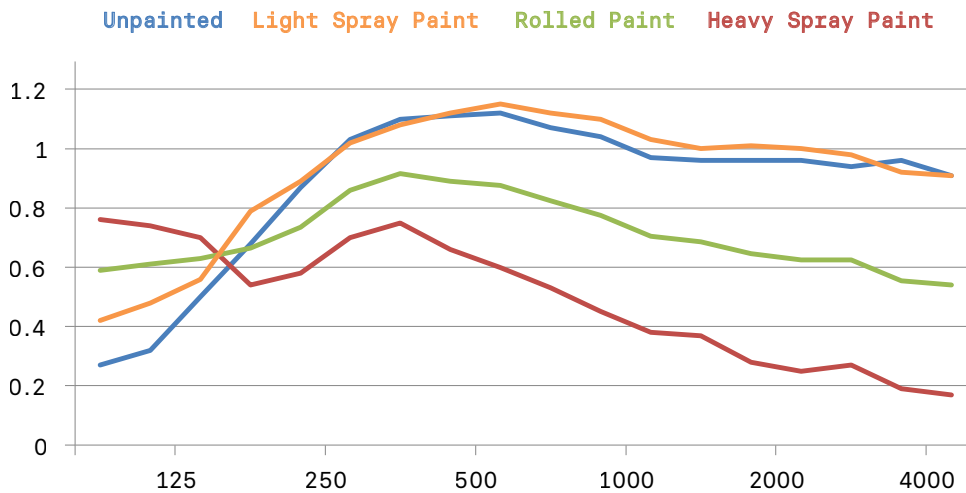
CAN/ULC-S102-10 - Class A/1  
ASTM E84-11b - Class A/1  
EN13501-1 - Class B-s2,d0  
AS/NZS 1530.3 - (I)0,(S)0,(H)0,(Sm)3



\*Tests listed were conducted on a Broadway glass wool panel, coated with Paintable Absolute White finish.

## Sound Absorption

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The surface of Paintable panels is designed to provide a solid base for paint or ink, while staying as acoustically transparent as possible.

As shown on the graph opposite, the thicker the layer of paint applied to the panel, the more reflective it becomes. In general, a light coat of spray paint will give optimal acoustic performance across the entire frequency range, but a heavier coat will improve absorption of bass frequencies. This allows some degree of 'tuning' panels to suit the needs of their environment.

[For specific NRC values and test data, please refer to the data sheet for your chosen acoustic panels.](#)

## Cleaning & Maintenance

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A clean, dry cloth is recommended for cleaning the surface of Paintable Absolute White™ 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.

Your choice of paint/print method, will also impact your maintenance options, and specific care instructions for that method or materials should be consulted.

## For more information, please contact your Primacoustic Sales Representative

Primacoustic has designed these panels to be painted and will make recommendations for the type of paint and techniques that may be used, Primacoustic cannot be responsible for the finished appearance of the panel after painting or printing. Primacoustic cannot guarantee that surface burning characteristics, fire resistance ratings, acoustical performance, dimensional stability/sag, or light reflectance will remain the same after painting.



Waypoint Fabric expands the Primacoustic fabric palette with a broader selection of designer-inspired colours, giving architects and designers greater freedom to match project aesthetics. Every fabric is acoustically transparent and woven with the same consistent texture and thread pattern, ensuring a cohesive appearance and reliable acoustic performance across the entire collection.

## Fabric Specifications

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

**Content:** 100% polyester.

**Weight:** 14.45 ±1 oz/lin.yd (448g/lm)

**Roll Width:** 55in (1,400mm)

**Colourfastness to light**

(AATCC 1.6.3 Option 3):

DIN EN ISO 105-B02: Grade 5-7

AATCC 16 40hrs: Grade 4

**Rubbing Fastness**

DIN EN ISO 105-X12: Grade 4-5

(dry and wet)

**Abrasion Resistance**

Martindale (load 12Kpa) DIN EN ISO

12947-2: 90,000 cycles

**Pilling**

DIN EN ISO 12945-2: Grade 4

**Will contribute to meeting LEED and WELL standards.**



## Testing

For specific test data, please refer to the data sheet for your chosen acoustic panels.

### Sound Absorption

**Fabric's Acoustic Transparency:** 85%

### Fire Safety

**Flammability\*:**

CAN/ULC-S102-18 - Class A

ASTM E84 - Class A/1

## 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  
For more detailed testing results, please consult [guilfordofmaine.com](http://guilfordofmaine.com)

\*Tests listed were conducted on a Broadway panel wrapped with Primacoustic Core fabric, a similar material, sourced from the same supplier. Exact figures may differ slightly.

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

# 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)

