

DESIGN AND SPECIFICATIONS

Description

Clean-Air Claro® is a coated finish that is specifically formulated to provide acoustical transparency and exhibits a very white flat painted gypsum board/plaster appearance. The finish is applied to both the face and edges.

Clean-Air Claro® comes in a standard white color but can be custom color matched to any paint chip.

Panel Size

Panel Size: 48" x 96" (1219.2mm x 2438.4mm) is the largest size recommended by Decoustics. Consult Decoustics for larger size availability for specific applications.

Features and Advantages

Provides excellent light reflectance of up to 94% for standard white CSW-100.

Achieves highest Class A fire rating (flame spread of less than 25) for an assembled (composite) panel when tested to ASTM E84 and CAN/ULC S102.

Provides excellent acoustical absorption: yields an NRC 0.90 when tested in accordance with ASTM C423 and an SAA of 0.88 for Type E400.

Made with No Added Urea Formaldehyde (NAUF) 7lbs./ft³ fiberglass board and NAUF unique High Density Fiberglass (HDF) finished with proprietary NAUF veil and acoustically transparent white paint.

When tested as per ASTM 5116, Standard Guide for Determinations of Volatile Organic Emissions (VOC) from indoor materials/products, no trace of formaldehyde was detected.

Ceilencio® suspended ceiling system with fully assembled Clean-Air Claro® seismically tested on a shake table as per ICC-ES AS-156 protocol to the maximum level of building code (SDS of 2.00g) with no damage either to the grid or to the panels.

Maintenance

Can be cleaned using water or recommended cleaners. Refer to "Clean-Air Claro® Cleaning & Maintenance Instructions" for specific information.

Do not apply paint to the face of the panel. Painting will significantly reduce acoustical absorption, and may also affect panel finish integrity and fire flame spread performance.

Handling and Cleaning Instructions

Panels must only be handled by persons wearing clean lightweight gloves. It is very important that personnel working with panel hardware, HVAC, electrical, sprinkler, or similar equipment, do not handle the panels before putting the clean lightweight gloves on.

To prevent overall soil, vacuum with a light brush attachment, or brush lightly to remove dust and grime. For dirty marks and hand-prints, use a white rubber eraser and erase the marks.

For more stubborn stains, use a cleaner such as a clear, streak free, foaming window cleaner (e.g. "Windex"), to lift the stains from the surface. Experiment first with an area that is not too prominent, on one panel, to ensure cleaner is effective before treating all soiled panels.

Be sure to blot the area with a clean dry cloth to remove as much water or cleaner as possible, so the area will dry faster and cleaner.

Note: The information provided in this Data Sheet is accurate to the best of our knowledge at the time of printing. However, we reserve the right to make changes when necessary without further notification. Suggested applications may need to be modified to conform with local building codes and conditions. We cannot accept responsibility for products that are not used, or installed to our specifications. Please refer to our website for most current data.

Note: Only handle panels wearing clean, lightweight, white gloves during installation. Follow manufacturer's printed instructions for installation as well as field cutting of panels.

Storage

Assure that all panels and associated materials are protected from damage, and storage area is climatically controlled to normal operational levels.

Installation

Prior to panel installation, the site must be free of all wet and dusty trades and the climatic conditions stabilized to normal operational levels. Panels shall be allowed to stabilize on site 24 hours prior to installation.

Clean-Air Claro® is a directional product. Install product by utilizing the directional arrows on the back of each panel. If not done correctly, a checkered pattern may result.

Normal Operational Levels

Typical Indoor Comfort Standards state a temperature range of 20°C - 27°C (68°F - 81°F), and a relative humidity of less than 60%. These would be considered as normal operational levels.

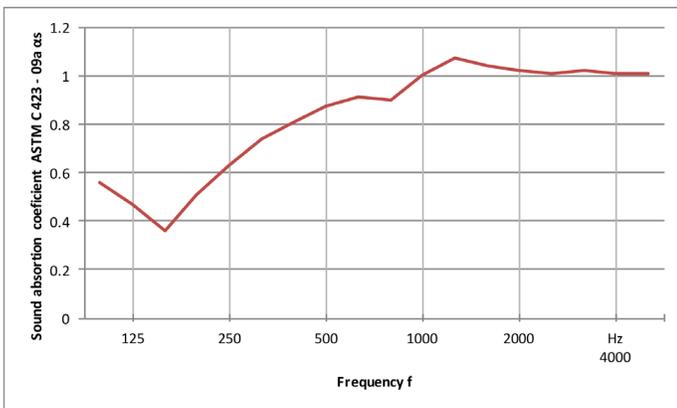
Recommended Uses

As a finish for ceiling panels and wall panels above head height.

Suitable for flat, shaped and two-dimensional pre-curved panels.

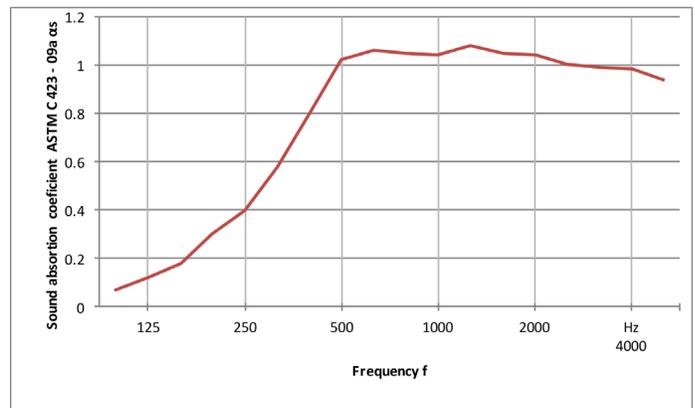
Note: There are some radii limitations for pre-curved panels. Consult Decoustics for specific data. Available with factory installed custom edge returns. Consult factory for details.

Typical Sound Absorption Data 1-1/16" Thick ME/VATT Clean-Air Claro® Panel, Type 400 Mounting



NRC=0.90 SAA=0.88

Typical Sound Absorption Data 1-1/16" Thick ME/VATT Clean-Air Claro® Panel, Type F5 Mounting



NRC=0.90 SAA=0.87