



## DESIGN AND SPECIFICATIONS

### Description

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 panel face and edges.

Claro comes in a standard white colour but can be custom coloured to match Pantone and other type paint chips.

### Panels

Panel Size: 48" x 72" (1220mm x 1830mm) is largest size recommended by Decoustics. Panels larger than this are susceptible to coating damage during handling and installation. Consult Decoustics for larger size availability for specific applications.

### Features and Advantages

Provides excellent light reflectance of 90% for standard white CSW-100.

Provides Class A flame spread (less than 25) for an assembled (composite) panel when tested to ASTM E84.

Provides excellent acoustical absorption: Tested in accordance with ASTM C423 yields an NRC 0.90 and an SAA of 0.87 for Type E400

### Maintenance

Can be cleaned using water or recommended cleaners. Refer to "Claro Cleaning & Maintenance Instructions" for specific data.

Painting will significantly reduce acoustical absorption, and may also affect panel finish integrity and fire flame spread performance.

The Claro finish itself cannot be field applied.

DO NOT APPLY PAINT TO THE FACE OF THE PANEL

The finish is factory applied in a strictly controlled environment and method, however, small scratches or blemishes can be touched up in the field.

Each Claro panel has an individual number printed on the reverse side. Damaged panels can be remade and replaced by referring to this number.

### Claro- 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.*

## Decoustics Claro® Finish

### 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.

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.

Suitable for flat, shaped and 2-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.*

	Pre-Consumer Content	Post-Consumer Content	Recycled Content
Claro			
Ceillencio	20%	30%	50%
Direct Mount	9%	30%	39%

### Acoustical Data

FINISH	PANEL THICKNESS	FREQUENCY (Hz)						NRC	SAA
		125	250	500	1000	2000	4000		
E400 Mounting									
Claro	1-1/16" (27mm)	0.38	0.62	0.84	1.08	1.03	1.02	0.90	0.87
F5 Mounting									
Claro	1-1/16" (27mm)	0.17	0.36	1.04	1.01	1.05	1.01	0.85	0.87