**1” and 2” Claro® Baffles**

**Description**
Decoustics acoustical Claro® Baffles consist of 1” or 2” fiberglass core material with acoustically transparent Claro finish and are specifically formulated to provide sound absorption while exhibiting a flat, white-painted gypsum board/plaster appearance. Claro stipple texture finish is applied to the face and on all edges.

Claro Baffles come in a standard white color but can be custom color matched to a wide range of paint chips.

All Claro Baffles are supplied with mounting hardware that can be installed on site to be attached directly to T-Bar, cable, chain, anchor or any other type of suspension system supplied by others.

**Baffle Size**
All 1” and 2” Claro Baffles are custom fabricated and offered in a variety of sizes, geometric shapes and finishes.

12” high x 96” long (305mm x 2438mm) is the largest size recommended by Decoustics. Variety of configurations with similar square footage and/or weight may be possible. 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) baffle when tested to ASTM E84 and CAN/ULC S102.

**Handling and Cleaning Instructions**
Baffles must only be handled by persons wearing clean, lightweight, white 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.

**Maintenance**
Can be cleaned using water or recommended cleaners. Refer to “Claro Cleaning & Maintenance Instructions” for specific information and guidelines.

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.

**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.
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Normal Operational Levels
Typical Indoor Comfort Standards state a temperature range of 20ºC - 27ºC (68ºF - 81ºF), and a relative humidity of less than 60%. These would be considered as normal operational levels.

Recommended Uses
As a decorative and acoustical treatment in open concept spaces and areas where noise mitigation is required.

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

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

Mounting Methods
Only handle baffles wearing clean, lightweight, white gloves during installation.
Installing contractor to supply all suspension components including ceiling anchors, hanger wire, cable or chain, fasteners, T-bar grid, and similar hardware.
Install DPC Clip, T-Bar Twist Clip or D-Ring on the top slots along with aligned tabs to join two baffles together in series application.

Acoustical Data (ASTM E795 Type-J)
Test specimen baffles were mounted using 3 different sets of spacing: i.e., 24” (610mm), 36” (914mm) and 48” (1219mm). All baffles were suspended in parallel rows in the test chamber as per ASTM E795 Type-J.
Sound absorption is calculated in Sabins per unit. NRC levels will vary based on square footage, spacing and shape of the baffles. NRC levels of up to 0.75 can be reached, please contact an acoustical consultant or Decoustics.

<table>
<thead>
<tr>
<th>FINISH</th>
<th>SIZE</th>
<th>SPACING (Height of Baffle : Spacing between Baffles)</th>
<th>FREQUENCY (Hz)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>125 250 500 1000 2000 4000</td>
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<tr>
<td>Claro Baffle</td>
<td>24” high x 44” long</td>
<td>1:1 (24:24”) 2.30 3.52 6.58 9.95 11.94 11.48</td>
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<tr>
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<td>1:1.5 (24:36”) 1.53 3.83 8.11 10.56 12.86 12.40</td>
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<tr>
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<td>1:2 (24:48”) 1.68 4.44 9.49 12.40 15.00 14.39</td>
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<tr>
<td>1”</td>
<td></td>
<td>1:1 (24:24”) 3.03 4.46 11.00 12.44 12.92 12.60</td>
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<tr>
<td>2”</td>
<td></td>
<td>1:1.5 (24:36”) 3.03 4.94 12.44 14.03 14.03 13.23</td>
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