

FIBERGLASS CEILING PANELS



We are a leading manufacturer of large custom sized Fiberglass Ceiling Panels designed for installation in exposed suspension.

SIZE: Panels can be produced in sizes from 2' x 2' to 5' x 10' as well as metric sizes. All panels are available in sizes for installation in modular suspension systems.

ABUSE RESISTANCE: Quiet Coordinates Ceiling Panels from CMA come in a Dual Density face and back panel, laminated for installation in areas that may be subject to abuse. The suspension normally used is Intermediate Duty 15/16" face suspension system with CMA Panel Retention Clips installed behind the panel.

COLOR: Standard color of CMA Facings are white, however they can be supplied or field painted in a variety of colors of the designer's choice.

AFFORDABILITY: All CMA Fiberglass Ceiling Panels have exceptional acoustical values coupled with abuse resistance. When viewed by cost/sabin of absorption, Fiberglass Ceiling Panels are the lowest cost materials anywhere.

SAG RESISTANT: CMA Fiberglass Acoustical Panels are designed to resist sagging (greater than 1/360th of the span) from humidity - **no matter how high**. The key under ordinary occupied conditions is to provide a core panel that will not sag under its own weight. For panels wider than 4', you must use 1-1/2" or 2" thick materials.

CMA

205 Earl Road
Shorewood, IL 60434
Website: www.cmainc.net

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Physical Properties			
Thickness	1"	1-1/2"	2"
Weight/ sq.ft.	.25#	.38#	.40#
Max. Size (Metric Equiv)	4' x 8'	5' x 10'	5' x 10'
Light Reflectance	LR-1, 85 per ASTM C-1477		
Fire Hazard Classification	Flame Spread 25, Smoke Developed 50 per ASTM E-84 & UL-723, Can/ULC SS 1102-M88		
Facings	High Impact Matte, Open Weave, Nubby, Tuff-Stuff, Textura		

NOTE: For ceiling applications, panels wider than 4' require 1-1/2" or 2" thick materials. Use of 1" materials is subject to company review of sag warranty.

Selected Acoustical Tests

Octave Band Center Frequency, Hz										
Acoustical Material	Description	Mounting	125	250	500	1000	2000	4000	NRC	Test #
<i>All Ceiling Tests expressed in Sabins per square foot</i>										
Ceilings & Clouds	1" Glass Cloth	E-400	0.70	0.87	0.64	0.90	0.95	0.92	0.85	RAL A80-158
	1-1/2" Glass Cloth	E-400	0.75	0.96	0.82	1.01	1.00	0.88	0.95	RAL A79-146
	2" Dual Dens. Matte	E-400	0.86	0.98	0.97	1.01	1.03	1.09	1.00	RAL A05-016

1. Mounting: (a) E-400 Ceiling Mount is 14" depth
2. All test for Sound Absorption are in accordance with ASTM C-423-99a. Actual installed values may vary depending upon many variables, such as type of construction and humidity.

CMA's Keep Clip System



MOLD/MILDEW RESISTANCE: CMA Fiberglass Panels are produced from inorganic materials including the core and facing. They are not a host to Mold or Mildew growth per EPA Publication 402-K-01-001 dated 3/01.



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Samples, budget pricing, and specific applications are available upon request. CMA has Sales Representatives in every major North American market.

The problem is NOISE - The solution is QUIET COORDINATES.