



Zintra™ Acoustic Panels 1/2" (12mm) are the perfect solution for your projects where sound reduction and aesthetics are required. Zintra's wide range of colors and ease of use make it the ideal material for commercial, hospitality, educational and institutional projects.

## FEATURES:

- Cost effective sound absorbing solution ranging between 0.45-0.90 NRC
- 9' (2800mm) long panels ideal for joint-free floor to ceiling applications
- Broad range of neutral and bright colors
- Suitable for a multitude of applications - walls, ceilings, screens, partitions, millwork
- Easily fabricated and installed
- Color is uniform through the entire thickness
- Tackable
- Digitally printable

## ZINTRA DETAILS:

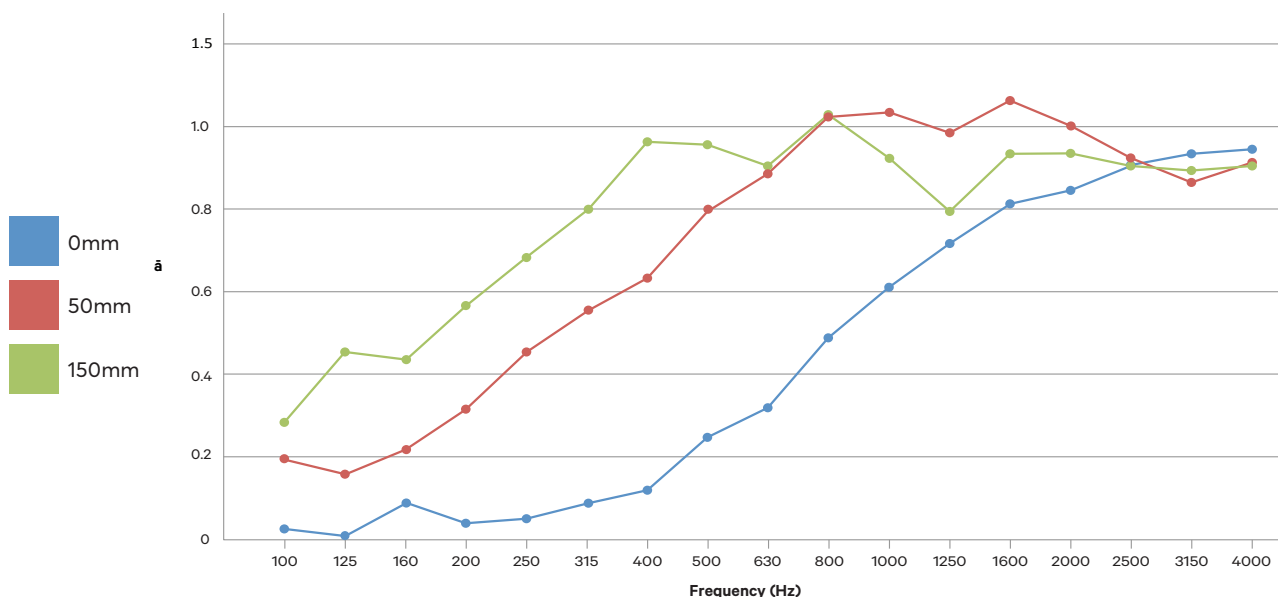
### CONTENT

100% Polyester.

### ACOUSTIC RATING

In accordance with ASTM C423-09a, Zintra Acoustic Panels - 1/2" (12mm) achieve between 0.45-0.90 NRC depending on testing layout.

	Frequency/Hz	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	ā	NRC
DISTANCE FROM WALL	0mm	0.03	0.01	0.09	0.04	0.05	0.09	0.12	0.25	0.32	0.49	0.61	0.72	0.82	0.85	0.91	0.94	0.95	0.44	0.45
	50mm	0.20	0.16	0.22	0.32	0.46	0.56	0.63	0.80	0.89	1.03	1.04	0.99	1.07	1.00	0.93	0.87	0.92	0.81	0.80
	150mm	0.29	0.46	0.44	0.57	0.69	0.81	0.97	0.96	0.91	1.04	0.92	0.80	0.94	0.94	0.91	0.90	0.91	0.87	0.85



## PANEL SIZE / THICKNESS

Nominal 4' x 9' x 1/2" (exact size 1225mm x 2800mm x 12mm)

Thickness tolerance +/- .02" (0.5mm)

Width and length tolerance +/- 1/8" (3mm)

## SURFACE FINISH

Zintra Acoustic Panels have a matt surface both sides. Both sides are suitable to use as the face surface, but will be slightly different and therefore when installing panels side-by-side, consistent "A" or "B" sides should be used as the face.

## WEIGHT

0.5 lb / ft<sup>2</sup> / 2.4 kg / m<sup>2</sup>

## APPLICATION

Indoor areas only.

## FABRICATION

Utility knife and CNC with oscillating knife.

## INSTALLATION

Adhere to substrate with adhesive and attach with screws, Z-clips, nails, stand-offs or with aluminium trim or millwork.

## FIRE RATING

In accordance with:

ASTM-E84 - Class A classification

AS ISO 9705 - 2003 - Group 1 classification

EN-13501 - B-s2-d0 classification

## LIGHTFASTNESS

In accordance with AATCC 16.3, Option 3, Zintra Acoustic Panels - 1/2" (12mm) panels color change at 40AFU is 4.5

## COLOR RANGE

20 standard colors to choose from:



## TEMPERATURE CAPABILITIES

The maximum temperature Zintra Acoustic Panels 1/2" (12mm) should be exposed to is 240°F (115°C).

## MOISTURE ABSORPTION

Polyester fibre when exposed to an atmosphere of 120°F (49°C) at 90% relative humidity for four days showed moisture absorption of less than 0.03% by weight.

## VOC TESTING

In accordance with Standard Method Version 1.2 for CDPH 01350, Zintra Acoustic Panels received a PASS for all testing scenarios.

## ENVIRONMENTAL

Zintra Acoustic Panels - 1/2" (12mm) panels are manufactured using 100% virgin polyester. Virgin polyester is used to create a consistent panel, with bright color and a smooth surface. Zintra is fully recyclable at end of life.

## CARE INSTRUCTIONS

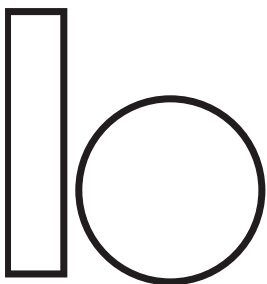
Vacuum to remove dust.

Remove spills immediately using a clean damp cloth or with soap and water.

Polyester carpet and fabric cleaners can be used - always test an inconspicuous area first.

A stain repellent coating is available for additional protection.

Disinfection - Bleach can be used in accordance with CDC Cleaning and Disinfection instructions. The solution ratio should be 5 tablespoons of bleach to 1 Gallon (3.7 ltr) of water or 4 teaspoons of bleach per quart (0.95 ltr) of water. Spray apply the solution as a mist and then wipe off the surface moisture.



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**zintra®**