

A photograph of a restaurant interior. The background wall is covered in dark, textured acoustic panels. To the left, a portion of a brick wall is visible. In the foreground, several tables are set with white plates, silverware, and wine glasses. White chairs are also visible. The lighting is dim, creating a sophisticated atmosphere.

zintra[®]

1" (24MM) ACOUSTIC PANELS **Technical Specifications**



Zintra™ Acoustic Panels 1" (24mm) 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.

Zintra Acoustic 1" (24mm) Sheets in Pewter, Slate and Grass

zintra® .2

INSTALLATION IDEAS





Zintra Acoustic 1" (24mm) Sheets custom cut in Tar, Slate and Grass

TECHNICAL DETAILS

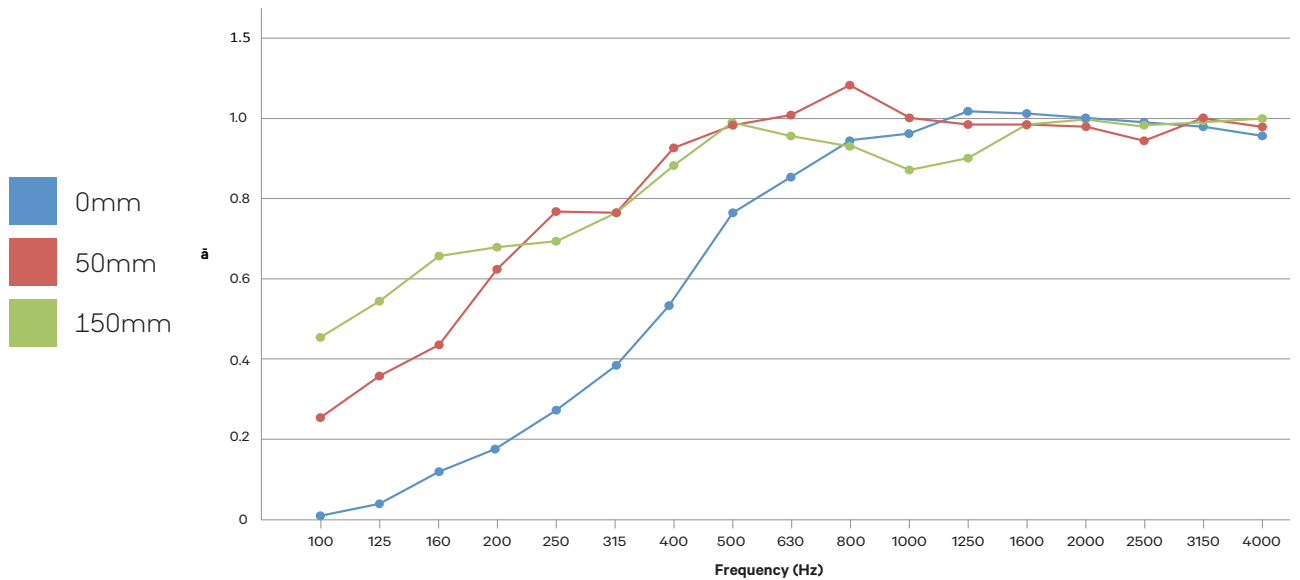
MATERIAL

100% solution-dyed polyester.

ACOUSTIC RATING

ASTM C423-09a test results: 0.45-0.90 NRC depending on distance from wall.

	Frequency/Hz	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	$\bar{\alpha}$	NRC
DISTANCE FROM WALL	0mm	0.01	0.04	0.13	0.19	0.28	0.39	0.52	0.78	0.85	0.94	0.96	1.04	1.03	1.01	0.98	0.96	0.97	0.75	0.75
	50mm	0.25	0.36	0.42	0.61	0.77	0.77	0.92	0.98	1.04	1.09	1.00	0.97	0.97	0.96	0.93	1.00	0.99	0.92	0.90
	150mm	0.45	0.55	0.64	0.66	0.69	0.77	0.88	0.99	0.90	0.92	0.86	0.90	0.97	1.00	0.97	0.99	1.00	0.88	0.90



SIZE

48.2" (1225mm) x 110.3" (2800mm) x 1" (24mm)
Thickness tolerance +/- .02" (0.5mm)
Width and length tolerance +/- 1/8" (3mm)

SURFACE FINISH

Both sides "A" or "B" have a matt surface and are suitable to use as the face. To ensure consistency of look, it is recommended that the face surfaces are either all "A" or all "B" when installing side-by-side.

WEIGHT

0.75 lb / ft² / 3.6 kg / m²

APPLICATION

Indoor areas only.

FABRICATION

Utility knife and CNC with oscillating knife.

INSTALLATION

Adhere Zintra Acoustic Panel to substrate using contact adhesive or Liquid Nails. Panel can be mechanically fixed using details similar to glass fittings.

Go to zintraacoustic.com for complete installation instructions.

FIRE RATING

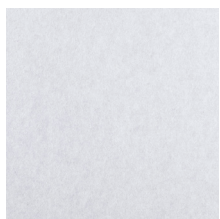
ASTM-E84 - Class A classification
AS ISO 9705 - 2003 - Group 1 classification

LIGHTFASTNESS

AATCC 16.3, Option 3: Panel color change at 40AFU is 4.5.

COLOR RANGE

5 standard colors to choose from



White / Frost



Grey / Pewter



Ash / Slate



Taupe / Ecru



Lime / Grass

TEMPERATURE

Maximum temperature exposure 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

Standard Method Version 1.2 for CDPH 01350:
PASS for all testing scenarios.

ENVIRONMENT

Panels are 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.

To disinfect, bleach can be used in accordance with CDC cleaning and disinfection instructions. (Solution ratio is 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 wipe off surface moisture.