

A photograph of a restaurant interior. The background features a wall with dark, textured acoustic panels. To the left, there is a section of light-colored brick wall. In the foreground, several tables are set with white tablecloths, white plates, and wine glasses. The lighting is dim, creating a sophisticated atmosphere.

zindra[®]

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

Zindra Acoustic 1" (24mm) Sheets Range



CROWN
SURFACE SOLUTIONS

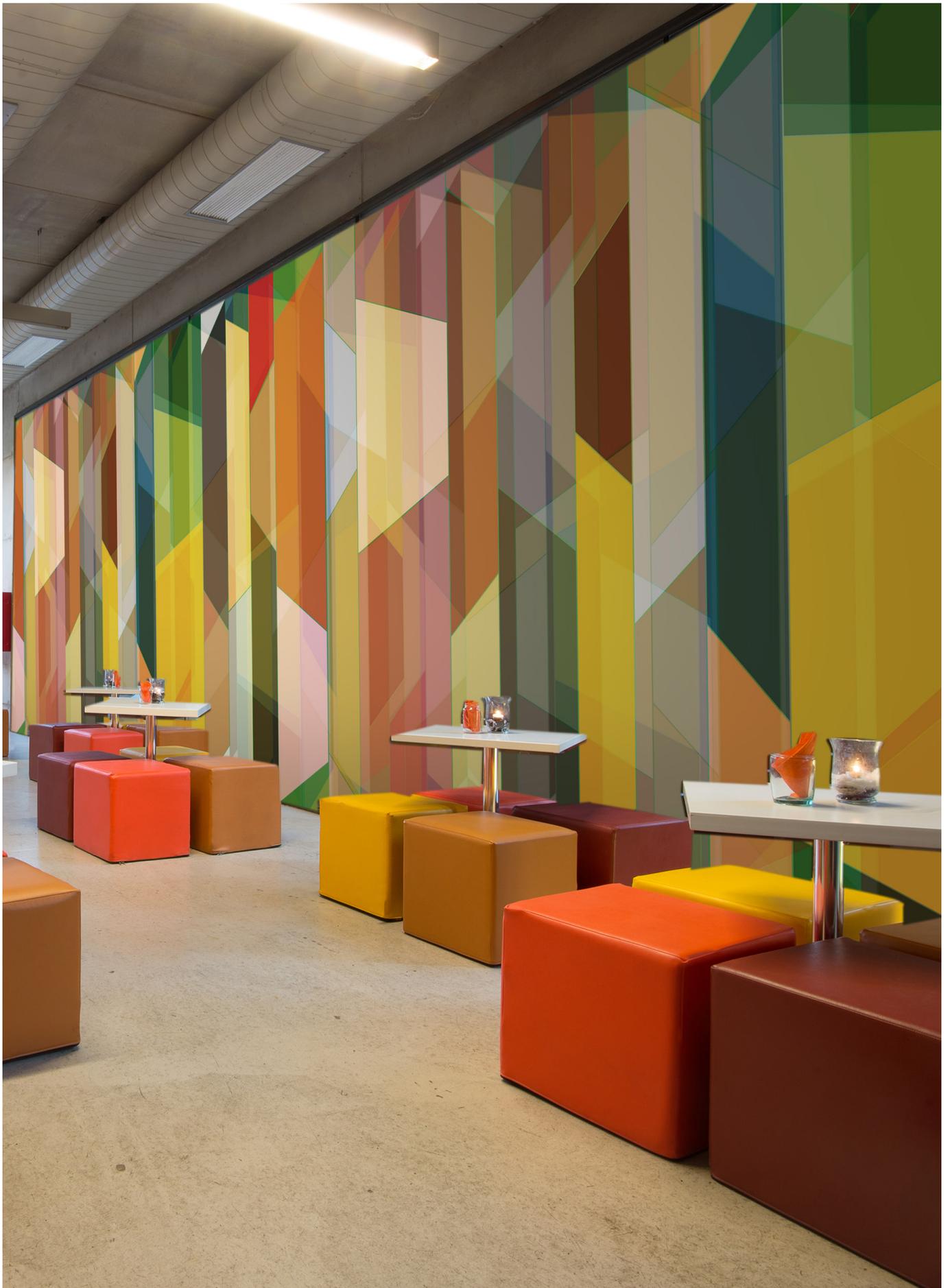


Zintra™ Acoustic Panels 1" (24mm) are the perfect solution for your projects where sound reduction and aesthetics are required. Zintra's wide range of colours and ease of use make it the ideal material for commercial, hospitality, educational and institutional projects.

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

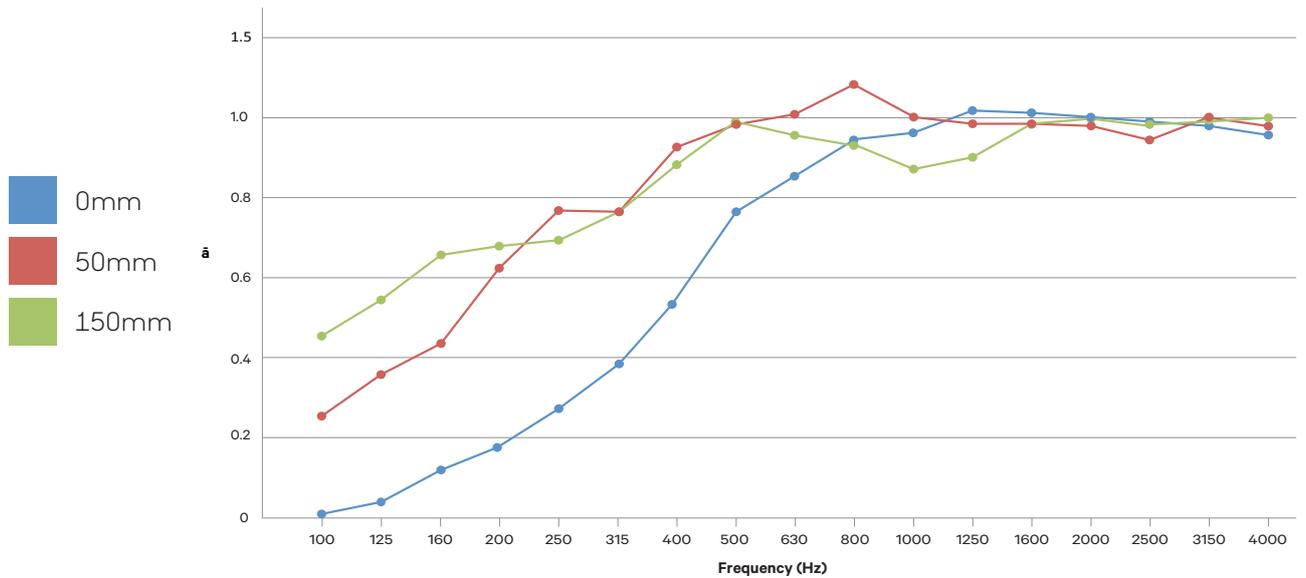
MATERIAL

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 crownsurfacesolutions.com for complete installation instructions.

FIRE RATING

ASTM-E84 - Class A classification

AS ISO 9705 - 2003 - Group 1 classification

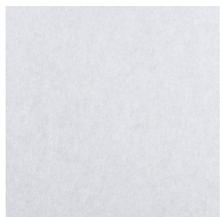
Tested in accordance with CAN/ULC S102

LIGHTFASTNESS

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

COLOUR RANGE

5 standard colours to choose from



White / Frost



Grey / Pewter



Ash / Slate



Taupe / Ecrú



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.

Disinfection - Regular household bleach solution (5.25% sodium hypochlorite) can be used in accordance with Health Canada Cleaning and Disinfection instructions. The solution ratio should be 10% bleach to 90% water. Spray apply the solution as a mist, follow recommended wet contact period and then wipe off the surface moisture.