



zintra®

TIMBER  
Technical Specifications



Emulating the grain of real timber, Zintra Timber extends Zintra Acoustic Solutions' palette with the addition of four "species". Zintra Timber combines the aesthetic beauty of the natural environment with all the acoustic benefits of Zintra Acoustic Panel (NRC 0.45-0.9). Ironbark, Spotted Gum, Merbau and Eucalyptus will be available ex stock (single and double sided) alongside the existing 20 neutral to bright plain Zintra colors.

Zintra Etch Tessellate in Spotted Gum

**zintra**<sup>®</sup> .2

# TECHNICAL DETAILS

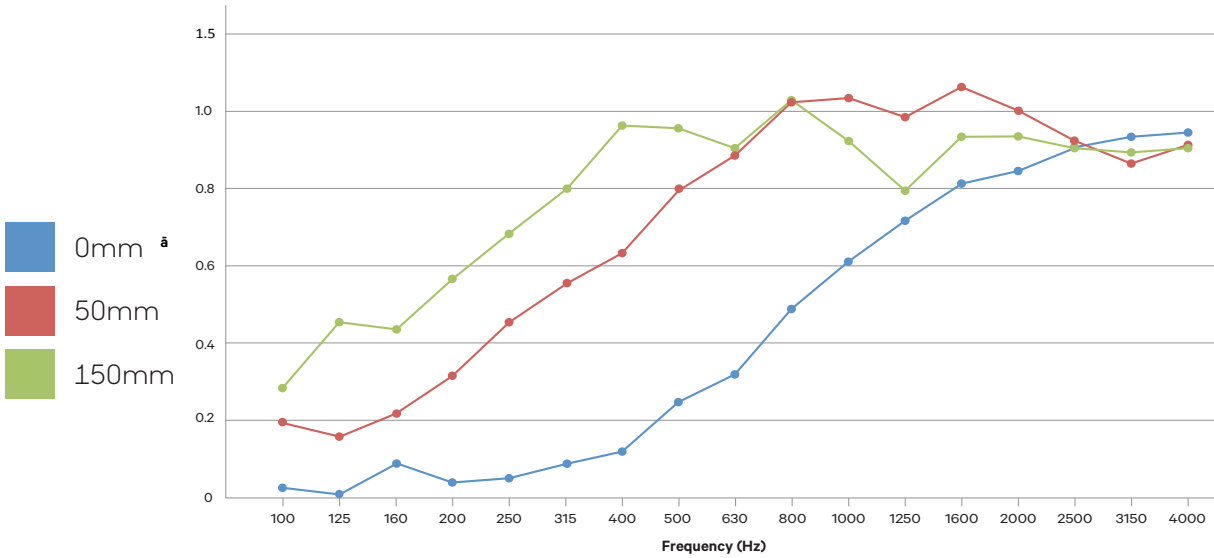
## MATERIAL

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	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	0.90



## FEATURES + BENEFITS

- Lightweight
- No warping
- No need for finishing
- Cost effective
- Easy to install
- Available as pre-fabricated solutions for walls, ceilings and desk accessories.

## SIZE

2800mm h x 1225mm w x 12mm d  
Thickness tolerance +/- 0.5mm  
Width and length tolerance +/- 3mm

## SURFACE FINISH

Zintra Timber has 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

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

ASTM-E84 - Class A classification  
AS ISO 9705 - 2003 - Group 1 classification  
EN-13501 - B-s2-d0 classification.

## COLOR RANGE

Available in 4 timber colors.



Merbau (MB)

Spotted Gum (SP)

Eucalyptus (EU)

Ironbark (IB)

## LIGHTFASTNESS

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

## 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.

## 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.

## ENVIRONMENT

Zintra is made from 100% recyclable materials.