zintra®

SHAPES
Technical Specifications

Zintra Shapes Squares in Grass and Slate

Using common geometric forms, add character with Zintra Acoustic Shapes. Install them in a focused area to draw attention or spread them throughout to create a progressive design.
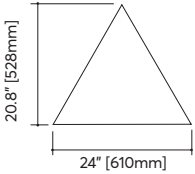
Zintra Shapes Circle in Lime & Pewter Ivory
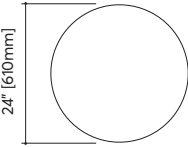
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INSTALLATION IDEAS

Zintra Shapes Rectangle in Spotted Gum

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Top image: Zintra Shapes Large Rectangle and Square in Linen, Ivory, and Ecru
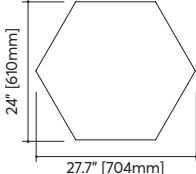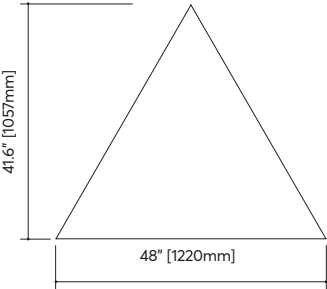Bottom image: Zintra Shapes Square and Triangle in Slate and Ecru

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TECHNICAL DRAWINGS
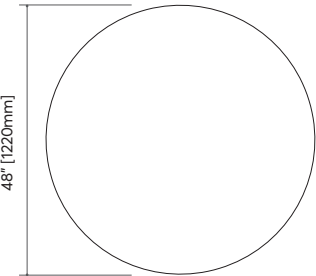
20.8" [528mm]
24" [610mm]

SMALL TRIANGLE

24" [610mm]

SMALL CIRCLE

24" [610mm]
27.7" [704mm]

SMALL HEXAGON

41.6" [1057mm]
48" [1220mm]

LARGE TRIANGLE

48" [1220mm]

LARGE CIRCLE

48" [1220mm]
55.5" [1409mm]

LARGE HEXAGON

24" [528mm]
24" [528mm]

SMALL SQUARE

48" [1220mm]
108" [2745mm]

LARGE RECTANGLE

48" [1220mm]
48" [1220mm]

LARGE SQUARE

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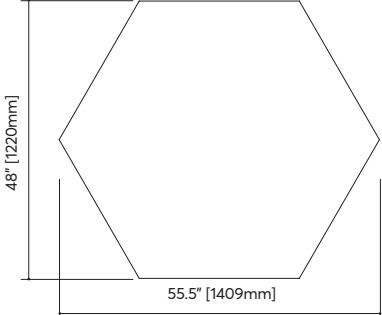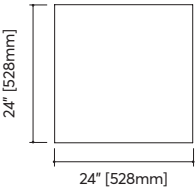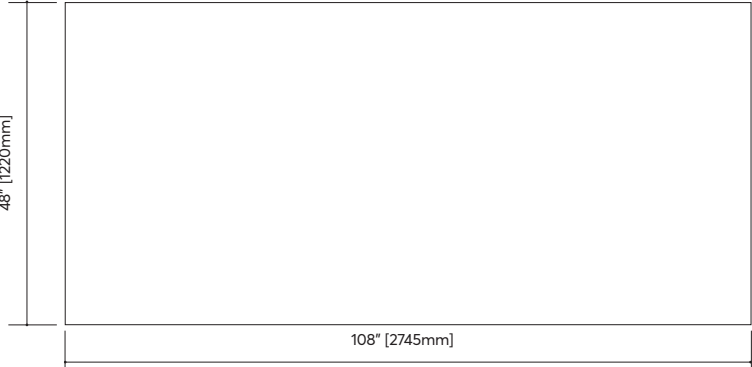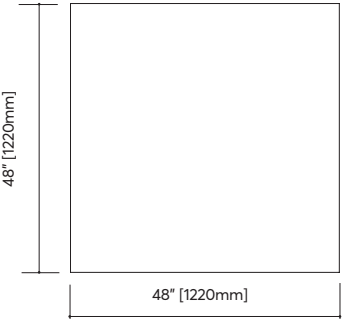
TECHNICAL DETAILS

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

Zintra Shapes Large Hexagon in Frost
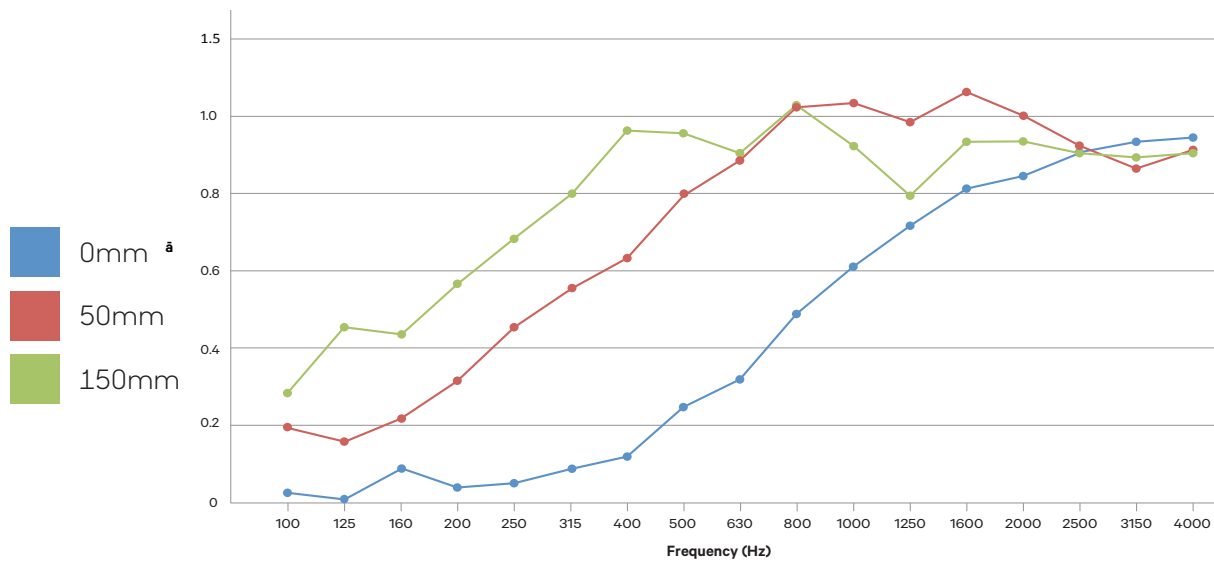
SIZE
See page 5.
Thickness tolerance +/– .02″ (0.5mm)
Width and length tolerance +/– 1/8″ (3mm)

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
0.5 lb / ft² / 2.4 kg /m²

APPLICATION
Indoor areas only.

FABRICATION
Utility knife and CNC with oscillating knife.

INSTALLATION
Shapes are supplied flat pack. Shapes are then suspended from the ceiling using hanging hardware supplied.

Go to **zintraacoustic.com** for complete installation instructions.

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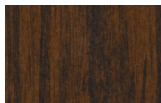EN–13501 – B-s2-d0 classification.

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

COLOR RANGE
24 sheet colors and 4 timber colors.

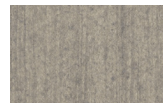## TEMPERATURE
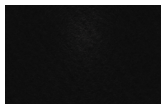Maximum temperature exposure is 240°F (115°C).

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.

TIMBER COLORS

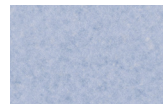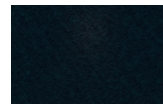| Merbau (MB)	Spotted Gum (SP)	Eucalyptus (EU)	Ironbark (IB)

PLAIN COLORS

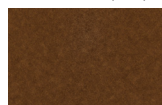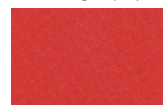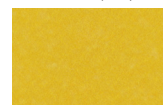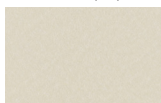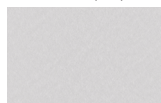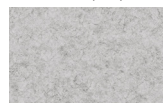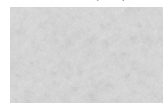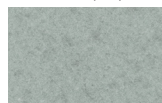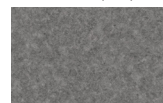| Tar (TR)	Slate (SL)	Cobalt (CB)	Sky (SY)	Malachite (MA)	Midnight (MI)	Olive (OL)	Grass (GS)
Fossil (FL)	Linen (LN)	Ecru (EC)	Brick (BK)	Bark (BR)	Ochre (OE)	Mandarin (MN)	Sunshine (SS)
Ivory (IY)	Frost (FT)	Smoke (SE)	Chambray (CH)	Cadet (CT)	Pewter (PW)	Pebble (PB)	Greige (GR)
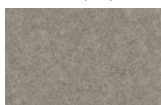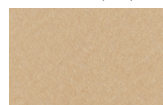
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Declare.   hpd VERSION 2.1.1

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