



zintra<sup>®</sup>

**BOX TILES**  
**Technical Specifications**



With a range of standard sizes and depths, Box Tiles give your walls dimension, color and the acoustic benefits of Zintra. Easy to layout, mix and match, and install, their versatility is an effective addition to any wall.

Zintra Box Tile Hex in Pebble, Smoke and Pewter

**zintra**® .2

## INSTALLATION IDEAS

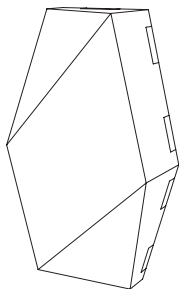




Top image: Zintra Box Tiles in Ivory, Smoke, Pewter and Fossil  
Bottom image: Zintra Box Tile Diamond in Fossil, Greige and Cadet

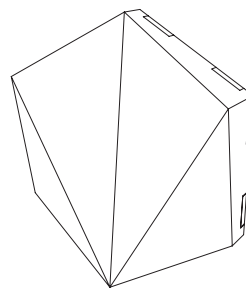
# TECHNICAL DRAWINGS

## BOX TILES



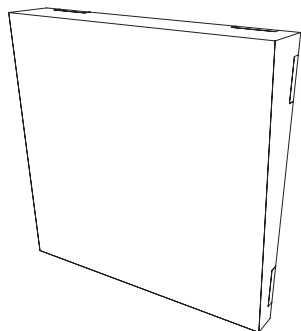
### DIAMOND

15 tiles / set, 11.7 SF (1.1m<sup>2</sup>)  
9.5" (242mm) w x 15" (381mm) h x 3" (76mm) d / tile



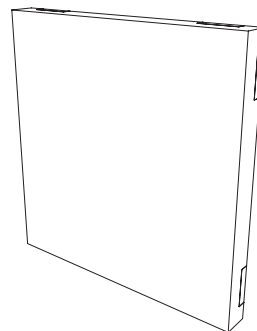
### HEX

12 tiles / set, 12.1 SF (1.1m<sup>2</sup>)  
15" (381mm) w x 13" (330mm) h x 3" (76mm) d / tile



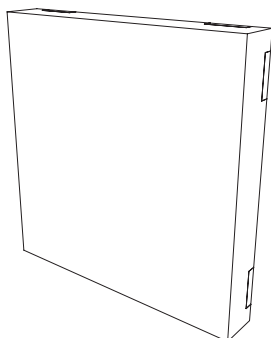
### PITCHED

10 tiles / set, 15.6 SF (1.4m<sup>2</sup>)  
15" (381mm) w x 15" (381mm) h x 3" (76mm) d / tile



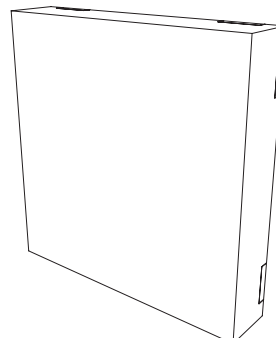
### SQUARE 1.5"

12 tiles / set, 18.7 SF (1.7m<sup>2</sup>)  
15" (381mm) w x 15" (381mm) h x 1.5" (38mm) d / tile



### SQUARE 2.25"

10 tiles / set, 15.6 SF (1.4 m<sup>2</sup>)  
15" (381mm) w x 15" (381mm) h x 2.3" (57mm) d / tile



### SQUARE 3"

10 tiles / set, 15.6 SF (1.4m<sup>2</sup>)  
15" (381mm) w x 15" (381mm) h x 3" (76mm) d / tile

# TECHNICAL DRAWINGS

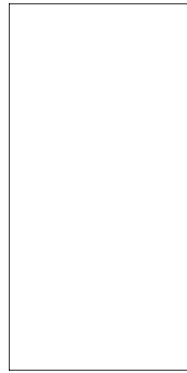
## BOX TILES ASSEMBLED

Each size available in depths of Low 0.5" [12mm], Mid 1" [24mm] and High 1.8" [45mm]



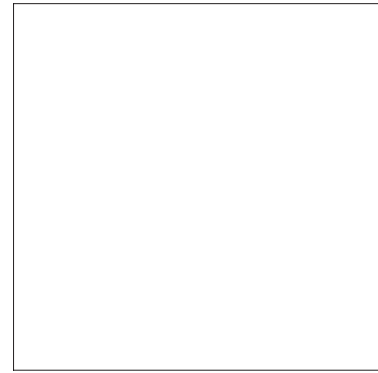
**SMALL**

9.8" x 9.8" [248mm x 248mm]



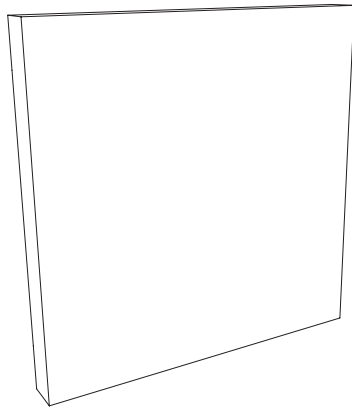
**MEDIUM**

9.75" x 19.5" [248mm x 496mm]

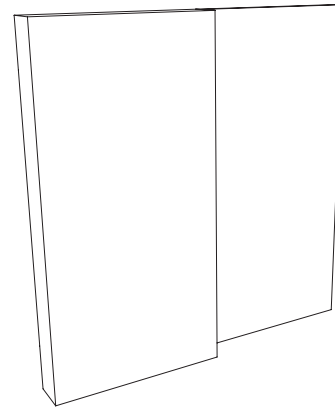


**LARGE**

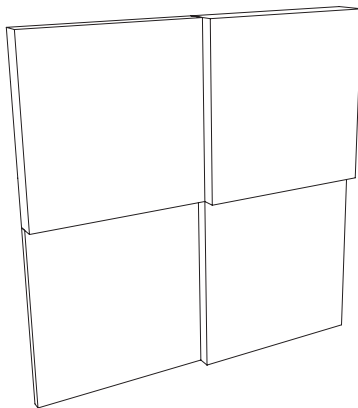
19.5" x 19.5" [496mm x 496mm]



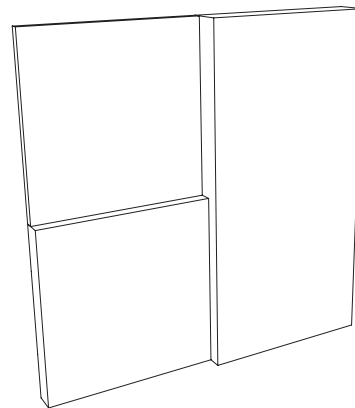
**ONE LARGE**



**TWO MEDIUM**



**FOUR SMALL**



**TWO SMALL + ONE MEDIUM**

# TECHNICAL DETAILS

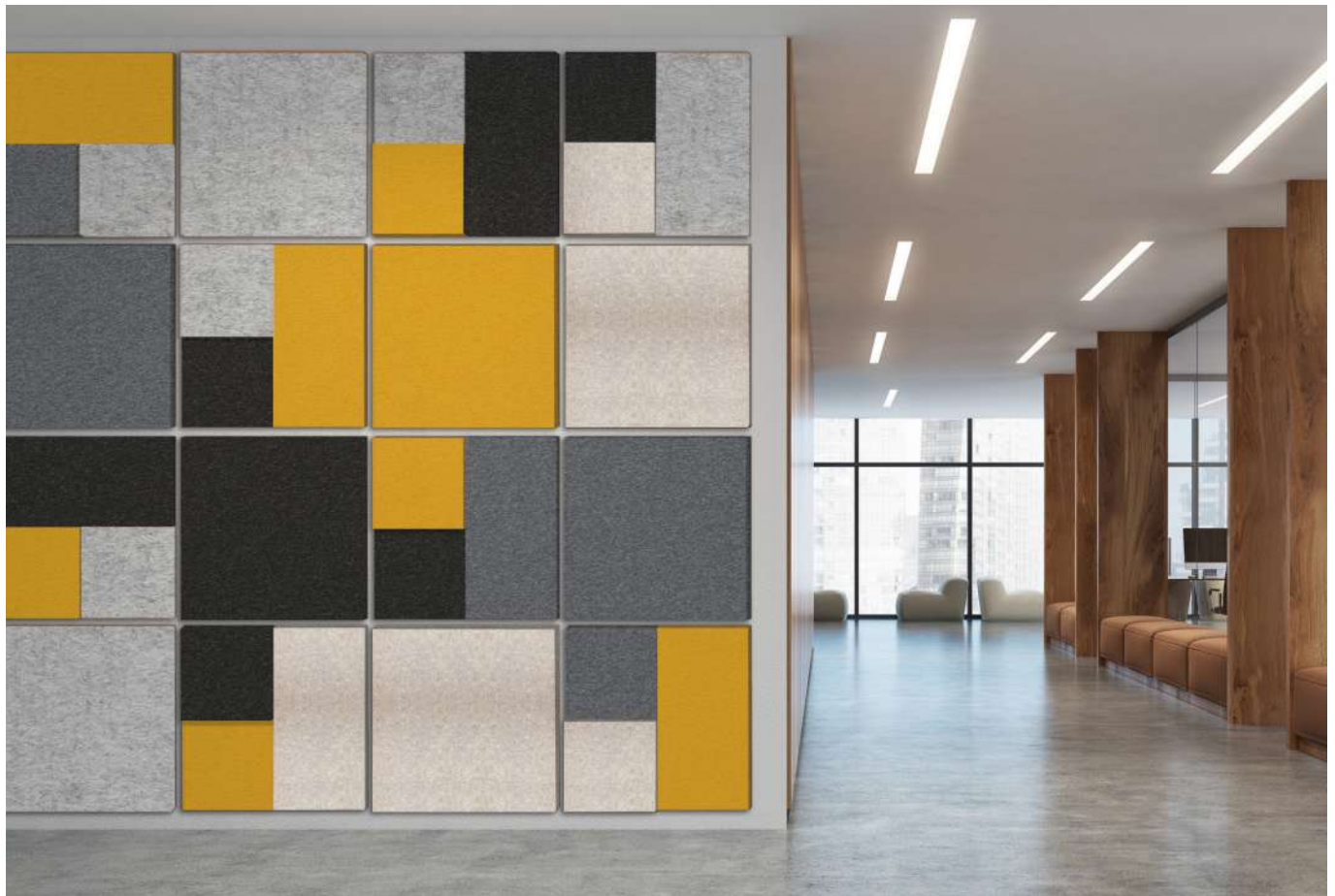
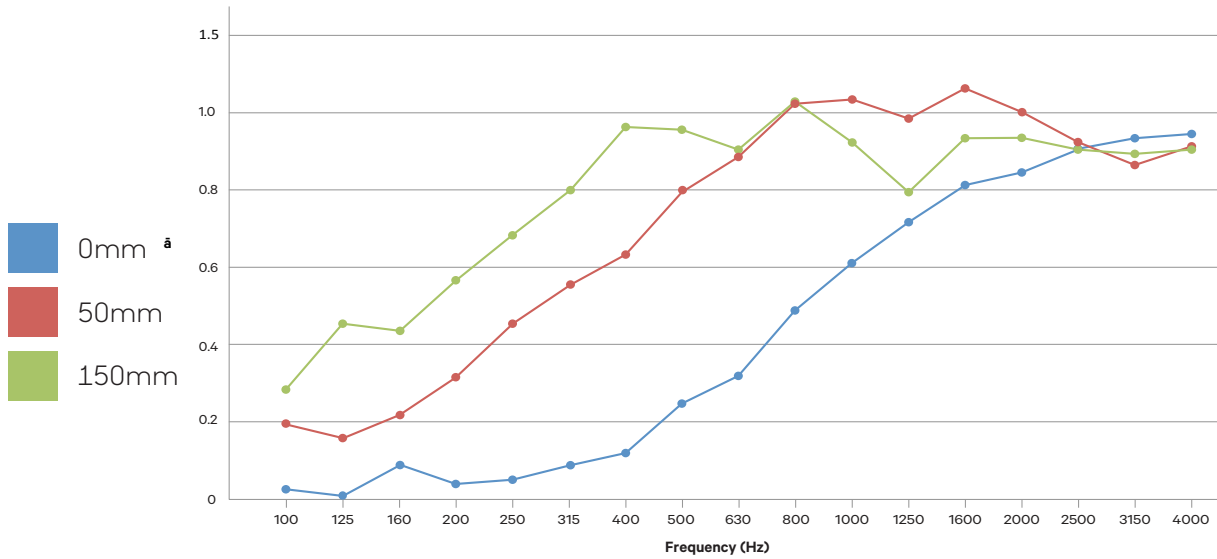
## MATERIAL

100% solution-dyed polyester.

## ACOUSTIC RATING

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

|                    |       | Frequency/Hz |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | $\bar{\alpha}$ | NRC  |
|--------------------|-------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------|------|
|                    |       | 100          | 125  | 160  | 200  | 250  | 315  | 400  | 500  | 630  | 800  | 1000 | 1250 | 1600 | 2000 | 2500 | 3150 | 4000 |                |      |
| 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 |



## SIZE

See page 5.

## 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 / ft<sup>2</sup> / 2.4 kg / m<sup>2</sup>

## APPLICATION

Indoor areas only.

## FABRICATION

Utility knife and CNC with oscillating knife.

## INSTALLATION

Box Tiles are supplied flat packed. Assemble (no tools required) and then adhere to substrate using contact adhesive / Liquid Nails or slot into an existing grid system.

Box Tiles Assembled are supplied pre-assembled, including dual lock fastener screwed into the back. Arrange as required and fit to wall with supplied fasteners (no screws supplied).

Go to [zintraacoustic.com](http://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.

## 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.

## COLOR RANGE

24 sheet colors and 4 timber colors.

### TIMBER COLORS



Merbau (MB)

Spotted Gum (SP)

Eucalyptus (EU)

Ironbark (IB)

### PLAIN COLORS

