

The image shows a room with walls covered in dark wood-paneled 3D wall panels. On the left, there is a window with a white frame, looking out onto a building with a statue. In the center, a wooden chair with a cane backrest sits on a light-colored wooden floor. To the right, a black grand piano is partially visible. The lighting is soft, coming from the windows, creating a warm atmosphere.

# zindra<sup>®</sup>

**3D WALL PANELS**  
**Technical Specifications**





Seamlessly joined 3D Wall Panels offer an interesting and functional acoustic element to straight or curved walls, adding depth and design to flat surfaces which absorb sound and cancel out soundwaves. Panels are narrow with a small pattern repeat which means they can be easily adjusted to fit wall to wall without custom drawings.

Zintra 3D Wall Panels in Tar

**zintra**<sup>®</sup> .2



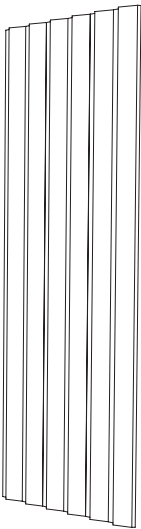
# INSTALLATION IDEAS



Zintra 3D Wall Panel Battens in Cadet, Sky, Midnight

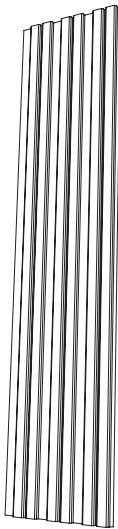
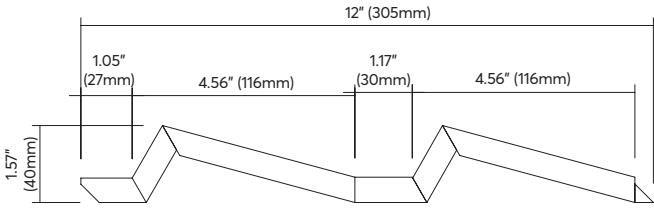


# TECHNICAL DRAWINGS



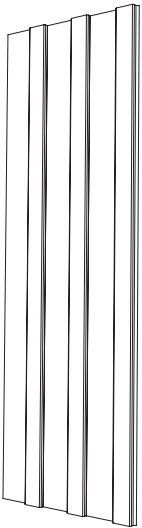
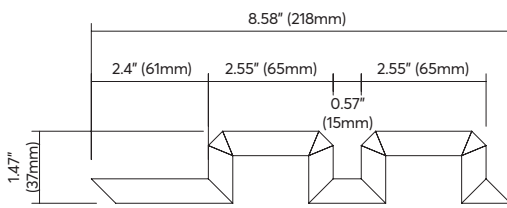
## PEAKS

3 strips / set, 26.3 SF (2.4m<sup>2</sup>)  
 12" (305mm) w x 108.1" (2745mm) h x 1.6" (40mm) d / strip



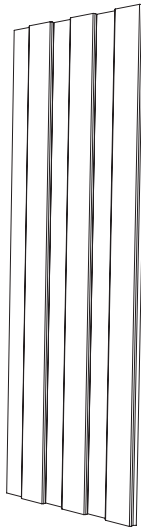
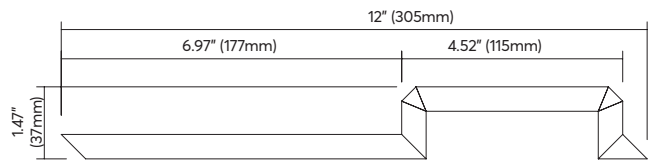
## BATTEN 2

3 strips / set, 18.1 SF (1.7m<sup>2</sup>)  
 8.6" (218mm) w x 108.1" (2745mm) h x 1.5" (37mm) d / strip



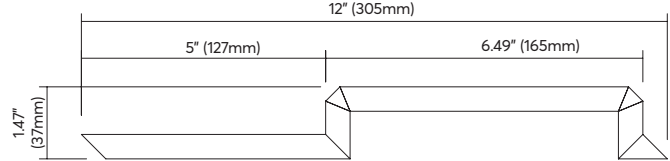
## BATTEN 4

3 strips / set, 27 SF (2.5m<sup>2</sup>)  
 12" (305mm) w x 108.1" (2745mm) h x 1.5" (37mm) d / strip



## BATTEN 6

3 strips / set, 27 SF (2.5m<sup>2</sup>)  
 12" (305mm) w x 108.1" (2745mm) h x 1.5" (37mm) d / strip



\*Each perspective shows one set of 3 strips

# TECHNICAL DETAILS

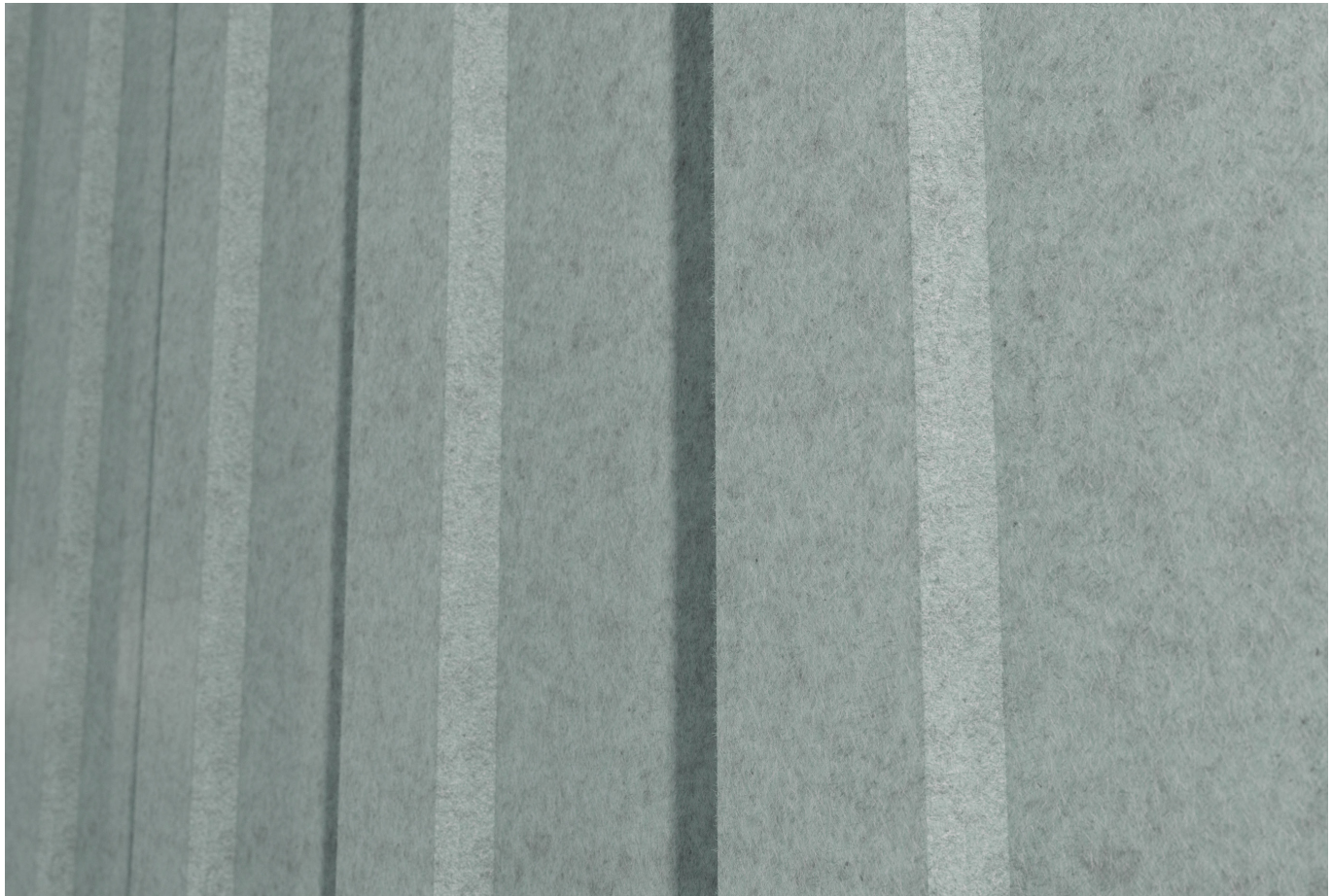
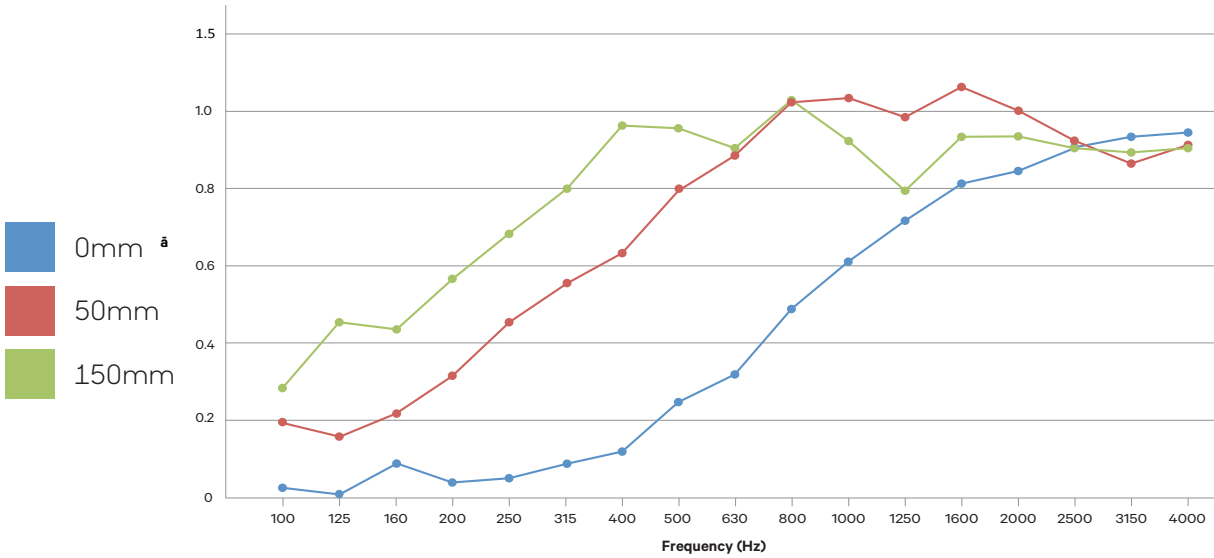
## MATERIAL

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 |



## SIZE

See page 4.

## 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

Push panel to protrude texture and screw into wall through indicated joints. Repeat in a tile like fashion across space.

Suitable screws are defined by the substrate being attached to, so they are not included with the product.

For screw locations and spacing refer to installation guide, or for complete installation instructions visit [zintraacoustic.com](http://zintraacoustic.com)

## FIRE RATING

ASTM-E84 - Class A classification

AS ISO 9705 - 2003 - Group 1 classification

EN-13501 - B-s2-d0 classification

## COLOR RANGE

24 sheet colors and 4 timber colors.

## TIMBER COLORS



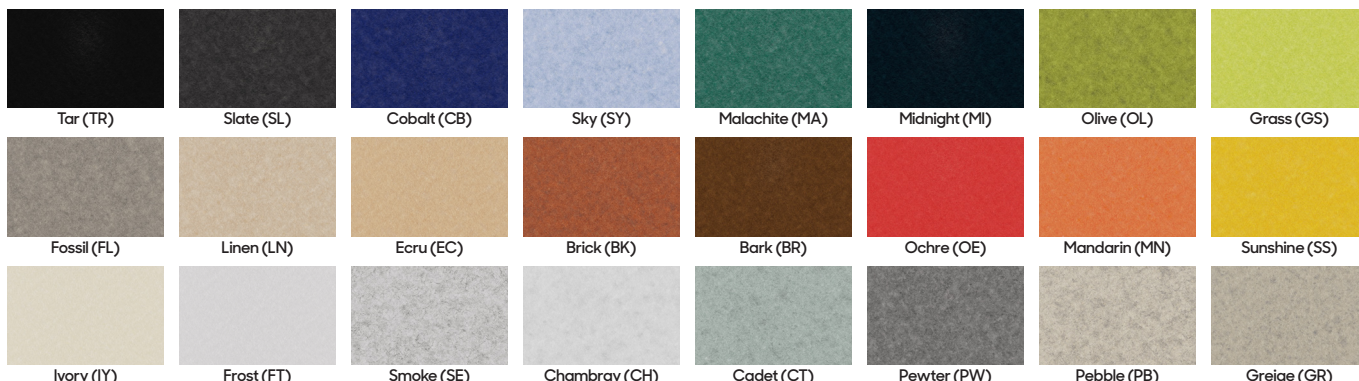
Merbau (MB)

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)

Ecu (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)

## 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.