

The image shows a room with walls covered in dark wood-paneled 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 is positioned. On the right, a black grand piano is partially visible. The floor is made of light-colored wood. The overall atmosphere is warm and elegant.

zintra[®]

3D WALL PANELS Technical Specifications

Zintra 3D Wall Panel Batten 4 in Spotted Gum



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

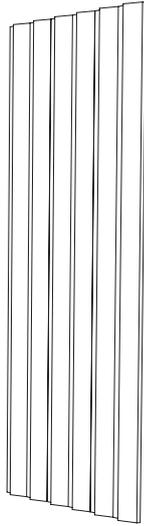
zintra[®] .2

INSTALLATION IDEAS



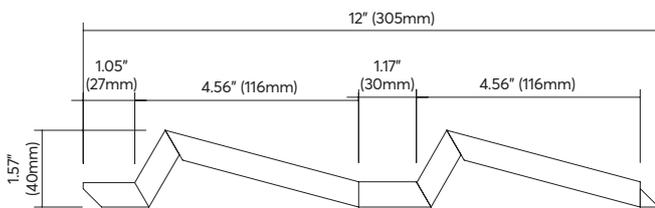
Zintra 3D Wall Panel Battens in Cadet, Sky, Midnight

TECHNICAL DRAWINGS



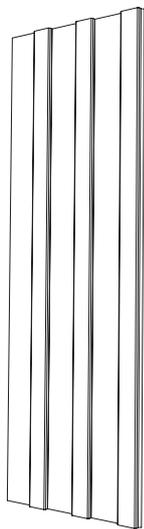
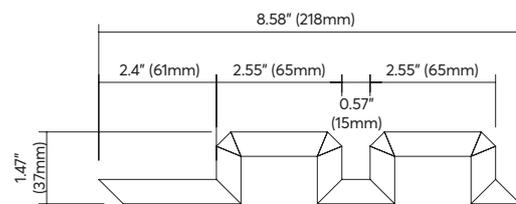
PEAKS

3 strips / set, 26.3 SF (2.4m²)
12" (305mm) w x 108.1" (2745mm) h x 1.6" (40mm) d / strip



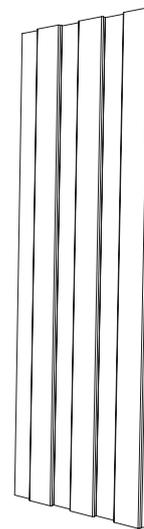
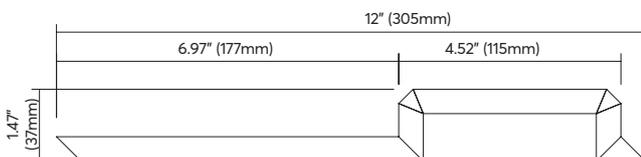
BATTEN 2

3 strips / set, 18.1 SF (1.7m²)
8.6" (218mm) w x 108.1" (2745mm) h x 1.5" (37mm) d / strip



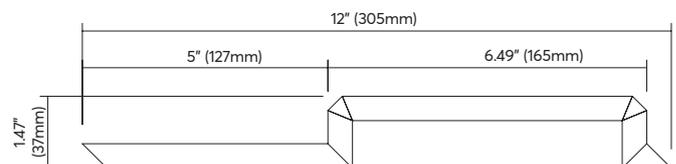
BATTEN 4

3 strips / set, 27 SF (2.5m²)
12" (305mm) w x 108.1" (2745mm) h x 1.5" (37mm) d / strip



BATTEN 6

3 strips / set, 27 SF (2.5m²)
12" (305mm) w x 108.1" (2745mm) h x 1.5" (37mm) d / strip



*Each perspective shows one set of 3 strips

TECHNICAL DETAILS

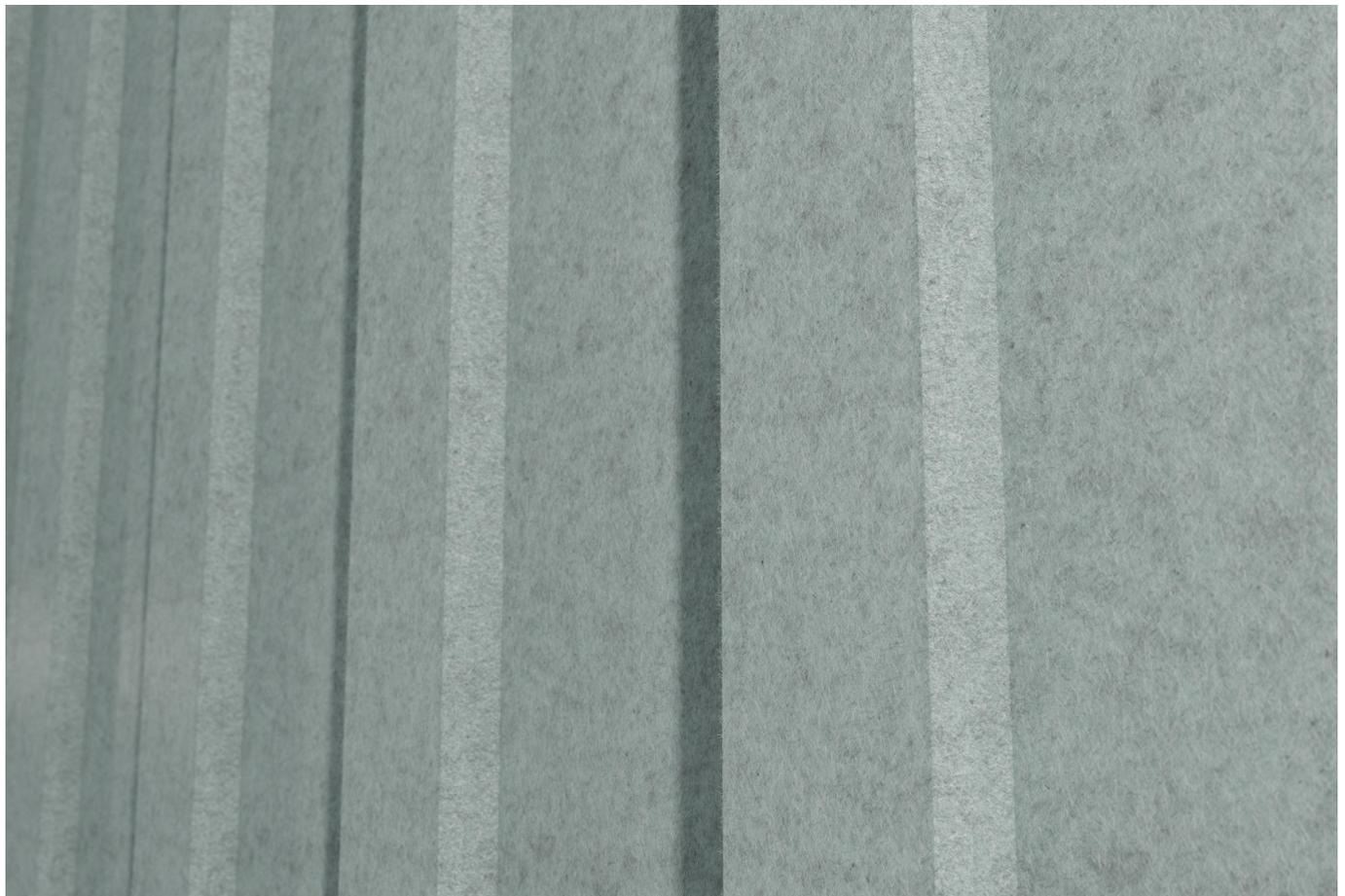
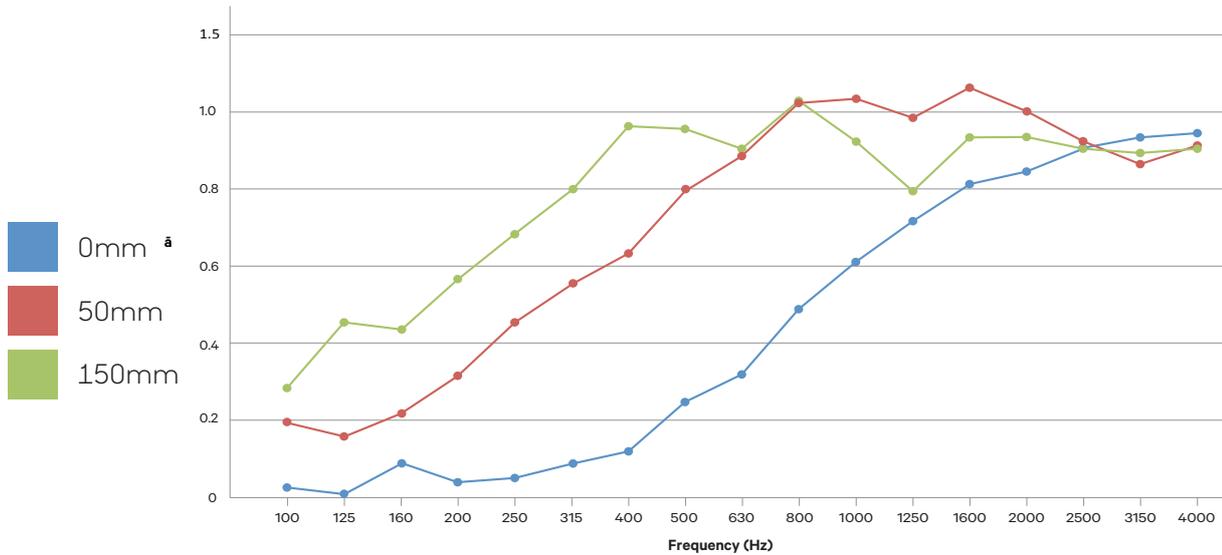
MATERIAL

100% solution-dyed polyester.

ACOUSTIC RATING

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

		Frequency/Hz																	$\bar{\alpha}$	NRC	
DISTANCE FROM WALL	0mm	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000			
	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	0.95	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	0.92	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	0.91	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 / ft² / 2.4 kg / m²

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 crownsurfacesolutions.com

FIRE RATING

ASTM-E84 - Class A classification

AS ISO 9705 - 2003 - Group 1 classification

EN-13501 - B-s2-d0 classification

Tested in accordance with CAN/ULC S102

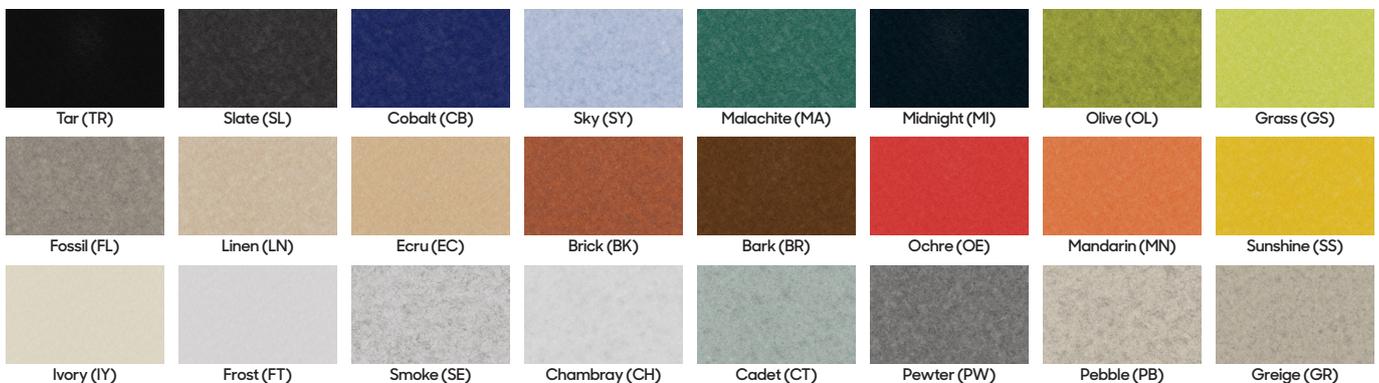
COLOUR RANGE

24 sheet colours and 4 timber colours.

TIMBER COLOURS



PLAIN COLOURS



LIGHTFASTNESS

AATCC 16.3, Option 3: Panel colour 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.

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.