zintra®

BOX TILES
Technical Specifications

Zintra Box Tiles Pitched in Malachite

CROWN
SURFACE SOLUTIONS

With a range of standard sizes and depths, Box Tiles give your walls dimension, colour 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®

INSTALLATION IDEAS
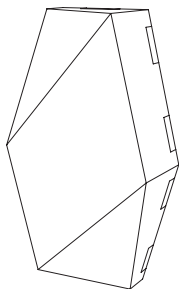
zintra® .3

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

zintra® .4
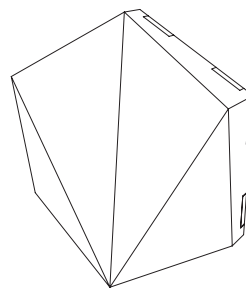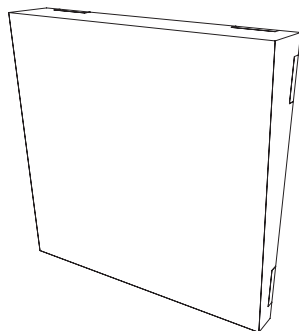
TECHNICAL DRAWINGS
BOX TILES

DIAMOND
15 tiles / set, 11.7 SF (1.1m²)
9.5" (242mm) w x 15" (381mm) h x 3" (76mm) d / tile
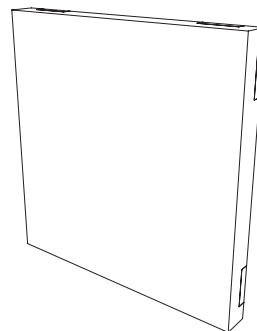

HEX
12 tiles / set, 12.1 SF (1.1m²)
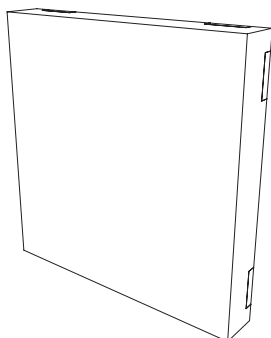15" (381mm) w x 13" (330mm) h x 3" (76mm) d / tile

PITCHED
10 tiles / set, 15.6 SF (1.4m²)
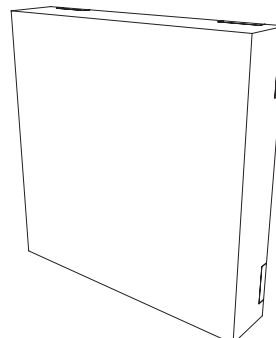15" (381mm) w x 15" (381mm) h x 3" (76mm) d / tile

SQUARE 1.5"
12 tiles / set, 18.7 SF (1.7m²)
15" (381mm) w x 15" (381mm) h x 1.5" (38mm) d / tile

SQUARE 2.25"
10 tiles / set, 15.6 SF (1.4 m²)
15" (381mm) w x 15" (381mm) h x 2.3" (57mm) d / tile

SQUARE 3"
10 tiles / set, 15.6 SF (1.4m²)
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]
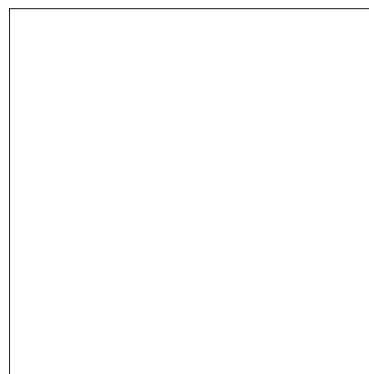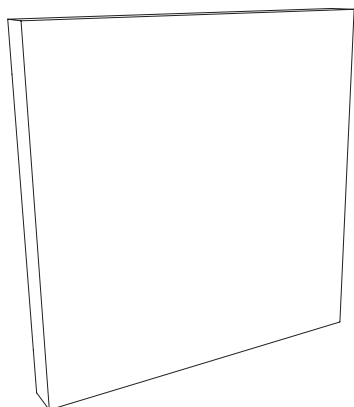

SMALL
9.8" x 9.8" [248mm x 248mm]
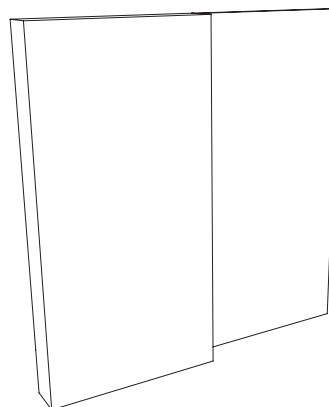

MEDIUM
9.75" x 19.5" [248mm x 496mm]
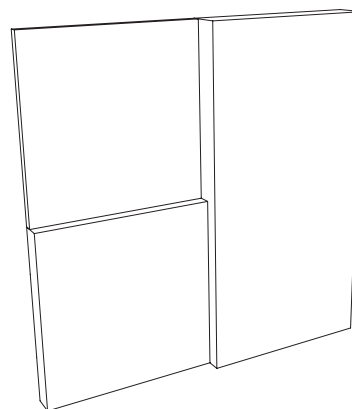

LARGE
19.5" x 19.5" [496mm x 496mm]

ONE LARGE

TWO MEDIUM
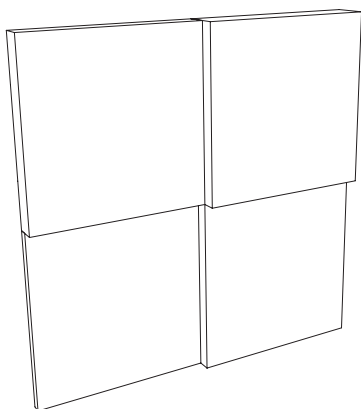
FOUR SMALL

TWO SMALL + ONE MEDIUM

zintra® .6

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 Box Tiles in Linen, Sunshine, Smoke and Slate
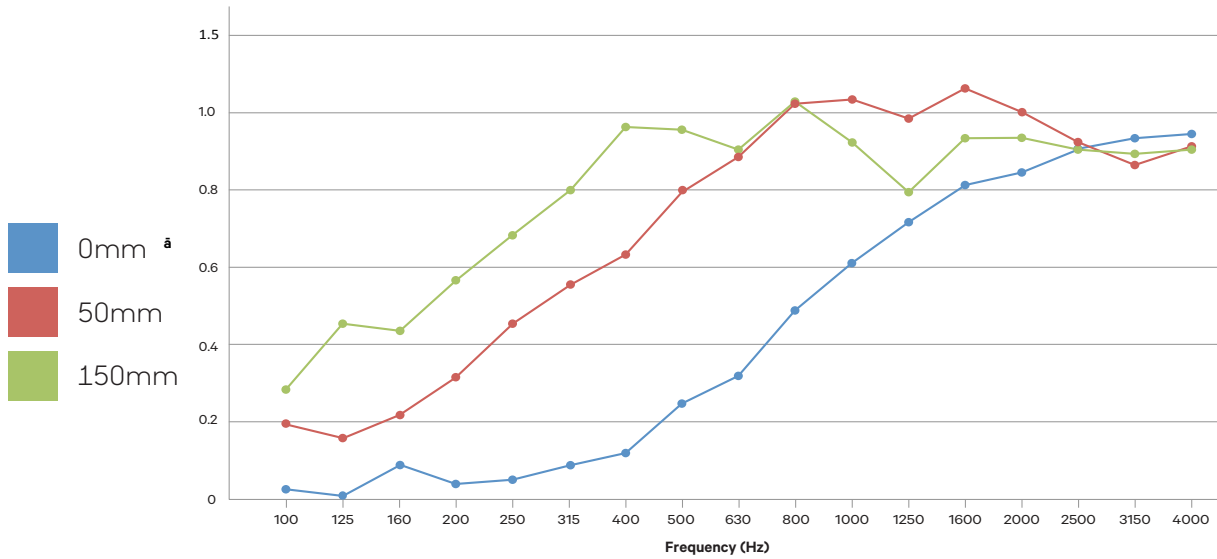
SIZE
See page 5.

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 / ft² / 2.4 kg /m²

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 **crownsurfacesolutions.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.
Tested in accordance with CAN/ULC S102

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.

COLOUR RANGE
24 sheet colours and 4 timber colours.

TIMBER COLOURS

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

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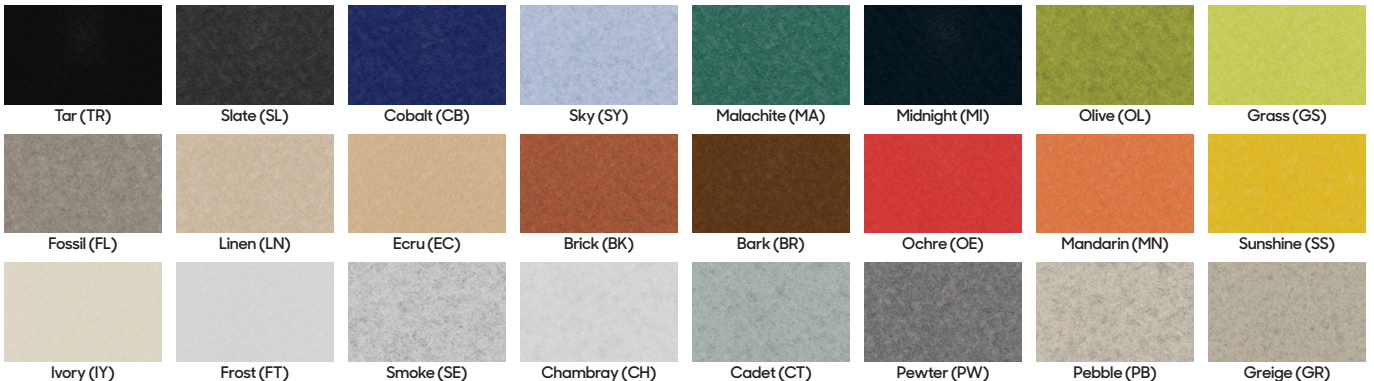
Tar (TR)	Slate (SL)	Cobalt (CB)	Sky (SY)	Malachite (MA)	Midnight (MI)	Olive (OL)	Grass (GS)
Fossil (FL)	Linen (LN)	Ecru (EC)	Brick (BK)	Bark (BR)	Ochre (OE)	Mandarin (MN)	Sunshine (SS)
Ivory (IY)	Frost (FT)	Smoke (SE)	Chambray (CH)	Cadet (CT)	Pewter (PW)	Pebble (PB)	Greige (GR)

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T 416 245.2900
www.crownsurfacesolutions.com
info@crownsurfacesolutions.com