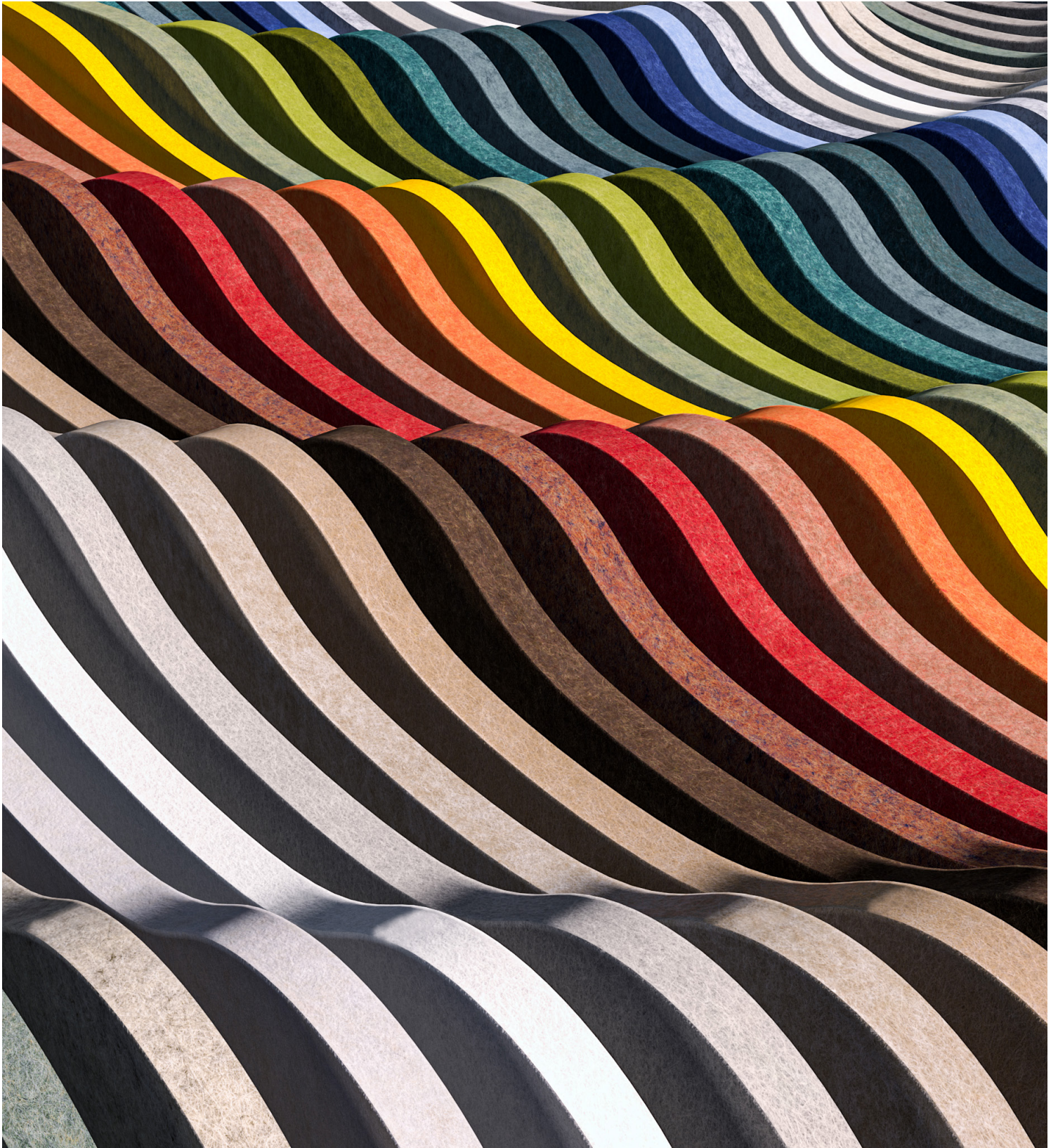


MDC ACOUSTIC SOLUTIONS

FEATURING **zintra**[®]

847-437-4000 | mdc.is/zintra



Zintra Acoustic Panels Color Range

1/2" ACOUSTIC PANELS

Technical Specifications

AUGUST 2024



Zintra 1/2" Acoustic Panels in Malachite

Zintra 1/2" Acoustic Panels are the perfect solution for your projects where acoustic performance and aesthetics are required. Diverse application methods and a vast array of available colors make Zintra Acoustic Panels the ideal way to elevate productivity in work environments, enrich guest experiences in hospitality settings, and enhance comfort in institutional spaces.



Zintra 1/2" Acoustic Panels digitally printed and installed as decorative dividers with floor to ceiling mounting hardware.


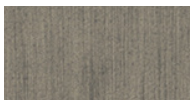




Zintra 1/2" Acoustic Panels cut as Square Shapes in Slate and Grass installed as suspended ceiling panels.

**STANDARD
COLORS**

					
Bark	Brick	Cadet	Chambray	Cobalt	Ecru
					
Elderberry	Fossil	Frost	Grass	Greige	Ivory
					
Linen	Malachite	Mandarin	Meadow	Midnight	Ochre
					
Olive	Parchement	Pebble	Pewter	Saffron	Sky
					
Smoke	Slate	Storm	Sunshine	Tar	Twilight

**TIMBER
COLORS**

			
Eucalyptus	Ironbark	Merbau	Spotted Gum

**PREMIUM
WOODS**

					
Australian Walnut	Cherry	Claro Walnut	Euro Beech	Knotty Pine	Lacewood
					
Maple	Palm Wood	Poplar	Redwood	Rustic Walnut	White Oak

**PREMIUM
MATERIALS**

					
Concrete Dark	Concrete Polished	Concrete Cast	Raku Luster	Raku Jade	Raku Bone
					
Shale Dark	Shale Medium	Shale Light	Terracotta Antique	Terracotta Mission	Terracotta Sun Bleached
					
Terrazzo Dark	Terrazzo Medium	Terrazzo Light	Travertine Dark	Travertine Medium	Travertine Light

DIMENSIONS

Nominal 4' x 9' x 1/2" (exact size 48.25" x 110" x 1/2")
 Thickness tolerance +/- .02"
 Width and length tolerance +/- 1/8"

MATERIAL COMPOSITION

100% Solution Dyed Polyester

WEIGHT

0.5 lb / ft²

FIRE RATING

ASTM-E84 — Class A classification
 AS ISO 9705 — 2003 — Group 1 classification
 EN-13501 — B-s2-d0 Classification

TEMPERATURE

The maximum temperature exposure is 240° F (115° C)

LIGHTFASTNESS

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

MOISTURE ABSORPTION

Polyester fiber 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

In accordance with Standard Method Version 1.2 for CDPH 01350, Zintra Acoustic Panels received a PASS for all testing scenarios.

APPLICATION

Indoor areas only.

SURFACE FINISH

Zintra Acoustic Panels have a matte surface on both side "A" and side "B" and are suitable to use as the face surface. When installing panels side-by-side, it is recommended that the face surfaces are installed as either all "A" or all "B" to ensure consistency of finished look.

FABRICATION

Utility knife and CNC with oscillating knife.

INSTALLATION

Adhere Zintra Acoustic Panel to substrate using contact adhesive or Liquid Nails. Panels can be mechanically fixed using screws, Z-clips, nails, stand-offs or with aluminum trim or millwork.

Visit mdc.is/Zintra to download available Installation Guides for more details.

SUSTAINABILITY

Certified by Declare, GREENGUARD and HPD, Zintra is made from 100% recyclable materials:

- 60% post-consumer recycled content from PET bottles.
- 35% pre-consumer recycled content from PET chips
- 5% polylactic acid (PLA)

Zintra also has low levels of volatile organic compounds, contain no formaldehyde, meets the Global Recycled Standard and is Red List Free.

CARE INSTRUCTIONS

Vacuum to remove dust.

Remove spills immediately. Dab Zintra with a damp clean cloth and mild solution of liquid detergent and warm water. Repeat only using clean water, then pat dry with a lint free cloth.

For difficult stains and to disinfect, bleach can be used in accordance with CDC Cleaning and Disinfection instructions. The solution ratio should be 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 then wipe off the surface moisture. To remove the bleach, repeat using a clean, water dampened cloth, then pat dry.

Polyester carpet and fabric cleaners can be used.

With all cleaning applications - *always test an inconspicuous area first.*

A stain repellent coating is available for additional protection.

MDC ADVANTAGE

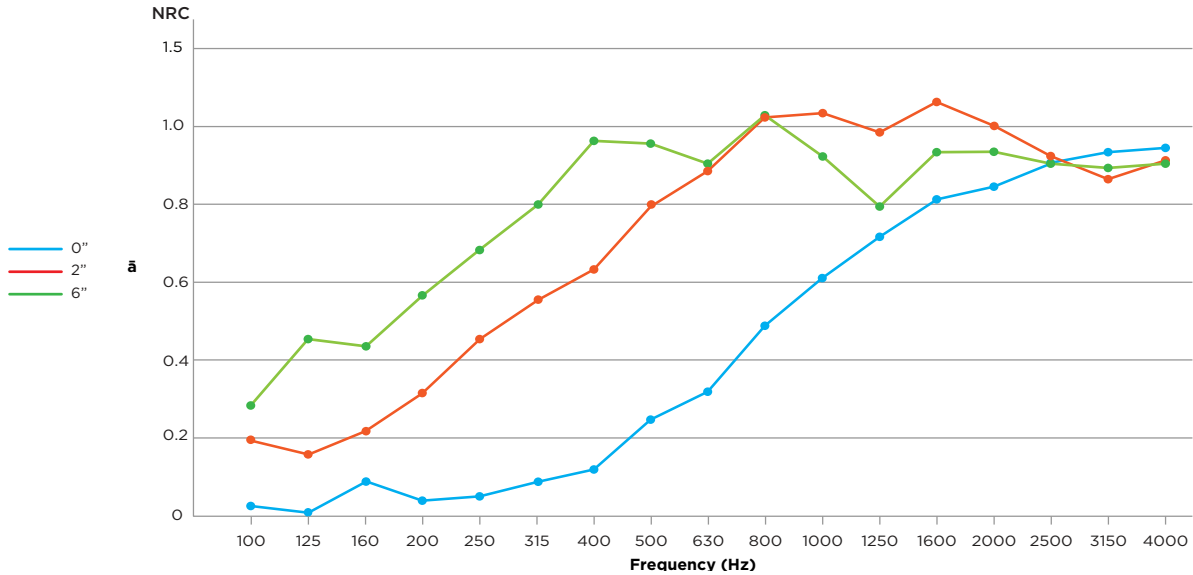
- Top acoustical installers prefer our product and our customer service team.
- 9 years of experience working through challenges to become experts.
- Fabrication capabilities for all design solutions.
- National team of Account Executives to support projects in any location.



ACOUSTIC RATING

Zintra products have been tested according to ASTM C423-09a and received ratings ranging from .45 - .95 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	$\bar{\alpha}$	NRC
DISTANCE FROM WALL	0"	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
	2"	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
	6"	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 1/2" Acoustic Panels installed as a custom ceiling & wall display in Frost.
 PROJECT Rydges Coolangatta | DESIGNER Design Nu | PHOTOGRAPHER AH Photography

HOW TO SPECIFY

Ideal for walls, ceilings, screens, partitions, millwork and more, Zintra is easily fabricated and installed to offer the simplest acoustic solution. While specifying Zintra Acoustic Panels for your space, consider the following:

PANEL SIZE:

- Standard Panel: 4'x9' (nominal (48.25"x110"), true (48"x108")) or custom size

PANEL THICKNESS:

- Standard Panel: 1/2"
- Ad'tl thicknesses available by lamination: 1", 1.5", 2"
- Note: 1" thick Zintra Acoustic Panels also available in 6 standard color options or by laminating (2) 1/2" sheets together

COLOR:

- Select Panel color from available color list
- Timber / Premium Wood / Premium Material - define if single or double sided

QUANTITY:

- Number of panels required or dimensions of space

INSTALLATION & HARDWARE:

- Installation method: direct adhere or hardware for mounting
- Hardware: visit mdc.is/zintra for ad'tl hardware options

Questions? MDC is here to help!

At MDC, we believe the very best design partnerships are created from a shared vision paired with keen expertise. Our goal is to always celebrate and support your unique design perspective, which is why we strive to create products abundant in aesthetic appeal and approachable functionality. Together, let's navigate your next project from the initial inspiration to a finished product. Together, let's make it happen.



For more information visit:
MDC.IS/ZINTRA

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