

Acoustical & Tackable Eco-Friendly Core



1. PRODUCT NAME **ZECORE®**

2. DISTRIBUTOR

Z-Best Wallcovering's, Inc.
10641-A Trinity Church Rd.
Charlotte Hall, MD 20622
Phone: (301) 753-8127
(301) 609-9389
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3. Product Description

Basic Use: ZECORE® is a white or black, polyester fibrous core used for acoustical control, and to provide a high-impact tackable panel or wall surface in commercial, institutional, and educational applications.

Benefits of ZECORE®

- Lightweight
- Semi-rigid
- Impact resistant
- Tackable
- Acoustical
- Dust Free

It is fabricated from 100% polyester with no irritating fibers and it is free of volatile organic compounds (VOCs) and formaldehyde. It resists bacterial and fungal growth, is non-toxic and non-allergenic. It will not rot, deteriorate, or change color over time.

Composition & Materials:

ZECORE® is manufactured from 100% Polyester fibers thermo-bonded. ZECORE® has a 65% post-consumer content (recycled plastic beverage containers). ZECORE® is itself 100% recyclable or alternatively it can be safely destroyed by incineration.

Limitations: ZECORE® should be kept clean and dry at all times.

Sizes & Density: ZECORE® is available in 12mm 8pcf and 20mm 6pcf in 24" x 48", standard stock 48" x 48" and full 48" x 96" sheets. Color is pure white and black.

4. TECHNICAL DATA

Applicable Standards:

BOCA, ICBO, SBCCI, CABO, ICC

Fire Resistance:

ASTM E84, UBC 8-1, ANSI/NFPA 101
Maximum Flame Spread Index ½"-2.10, 1"-3.59

Water Vapor Sorption < 0.4% by weight
Weather Resistance
No change to appearance

5. INSTALLATION

ZECORE® multi-purpose acoustical / tackable core is applied directly to drywall, concrete, CMU, or other ASTM E 84, Class 1 or A material. ZECORE® can be cut and installed using standard tools.

ZECORE® can also be used as a component of pre-made acoustical and tackable panels, stretch panel systems, as well as ceiling tiles, baffles, clouds, and diffusers.

6. AVAILABILITY AND COST

ZECORE® is sold worldwide. For availability and cost contact your local ZECORE® distributor Z-Best Wallcovering's directly at (301) 753-8127 or via e-mail @ info@zbestcorp.com.



ACOUSTICAL PERFORMANCE								
PRODUCT		ABSORPTION COEFFICIENTS @ OCTAVE BAND CENTER FREQUENCIES						
Nominal System Thickness		125	250	500	1000	2000	4000	NRC*
In.	mm.							
½	12mm	0.13	0.20	0.39	0.69	0.91	1.08	0.55
1	20mm	0.15	0.27	0.54	0.87	1.09	1.05	0.70
	25mm	0.15	0.28	0.66	1.02	1.03	0.91	0.75
	50mm	0.31	0.58	1.08	1.11	1.04	1.04	0.95

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*The stated NRC values are tested averages with a 100% polyester panel fabric. The choice of fabrics selected may have an effect on the actual values.