

## 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  
Fax: (301) 934-6883  
www.zbestcorp.com

**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.

\* Additional colors available:

- Light Heathered Grey
- Medium Heathered Grey
- Charcoal Grey

\*\* Can be used as finish panels

**Composition & Materials:**  
ZECORE® is manufactured from 100% Polyester fibers thermo-bonded. ZECORE® has a 65% post-consumer content ZECORE® (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

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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.