

## What is Enkasonic?

- Lightweight
- Open structure
- Three-dimensional matrix
- Extruded nylon construction
- Thin cross section

## Sound Control

Noise is the most litigated issue in condominium and apartment ownership. People don't mind living close together, they just don't want to hear one another talk or walk across the floor, their music or any of their appliances. In the past, other methods have been used to try to inhibit noise transfer, but Enkasonic is the best solution for improving both the airborne sound quality and most importantly, that elusive impact sound.



The Material that's been around since... the min-skirt.

Well, not quite that long! Beginning with the booming 1980's condo craze, Enkasonic has been solving sound control problems from coast to coast. Backed by the most complete testing and research data of any sound control system, Enkasonic continues to meet or exceed demanding building code requirements. From hardwood to vinyl, Enkasonic works economically with every type of flooring assembly and offers STC and IIC levels unrivaled in the industry. No other system on the market today offers the versatility and value of the Enkasonic sound control system



Since 1982, millions of square feet of Enkasonic have been installed:

- Coca-Cola Headquarters – Atlanta, GA
- Southwest Crossings – Naperville, IL
- CBS Studios – Los Angeles, CA
- Beverly Hill Hotel / Bungalows – Beverly Hills, CA
- U.S. Holocaust Memorial Museum – Washington, D.C.
- MGM Grand Hotel – Las Vegas, NV
- Tuxedo Park – Chicago, IL L.R. Development
- Ft. Sheridan – Highland Park, IL
- Park Hyatt – Chicago, IL MCL Development
- Central Station and Cornell Square – Chicago, IL



### NEW! 3/4Inch Topping Application

Achieve industry standard 3/4inch topping by using Enkasonic 7918R with gypsum and cement based underlayments. This new system is:

- Certified by the Ceramic Tile Institute of America
- Tested by the Tile Council to pass residential ratings
- Requires no crack isolation with ceramic tile
- Provides a better surface of r ceramic tile than traditional topping.

### We've Created the Complete System

Enka Building Products offers all of the components needed for a superior sound system.

- Sound Control Mat
- Perimeter Isolation
- Reinforcement for Concrete and Gypsum.

### We've Added Approved Applicators

Enka Building Products and Maxxon began a partnership with one of the first sound rated flooring assemblies using Gyp-Crete and Enkasonic. These combination o f products produced superior sound ratings. Maxxon floor specialist are now approved, trained and licensed applicators of the Enkasonic flooring system. With 160 dealers nationwide, we've got your project covered.

## Use Enkasonic for your Next Flooring Project

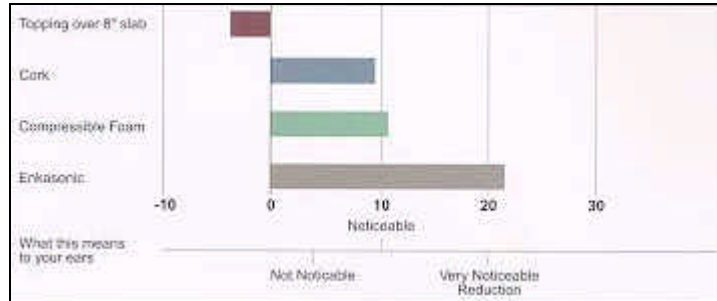
Whatever your next project, we've got the system you need. For new construction or rehab, Enkasonic can be installed economically and hassle free. Approved applicators, technical assistance, and field personnel are available to help make your next flooring project a success.



### Enkasonic is...

- Easy to install
- Used to create the "void" essential for sound isolation
- Resilient enough to absorb impact sound
- Ideal for new construction and rehab projects

### Decibel Reduction



Note: Test were performed with no ceiling assembly on 1' x 3' sample, marble thinset to a 4" slab.

### Sound Rating – Tested Enkasonic Floor / Ceiling Assemblies

CONCRETE FLOOR SYSTEM					
SUBFLOOR	SUSPENDED	ENKASONIC	FLOOR	LAB	TESTS
	CEILING	OVERLAY	COVERING	STC	IIC
4" slab	No	7/16" Wonder-Board	Tile	55	52
8" slab	No	7/16" Wonder-Board	Tile	59	52
8" slab	Yes	1/14" mortar bed	Tile	61	62
8" slab	No	1/14" mortar bed	Tile	60	54
8" slab	Yes	1/14" mortar bed	Vinyl tile	61	67
8" slab	Yes	1/14" mortar bed	Carpet & pad	61	79
8" slab	Yes	1/14" mortar bed	5/16" wood parquet	61	65
8" slab	Yes	2 Layers – 3/8" plywood (min)	3/4" T&G parquet	60	61
WOOD – JOIST FLOOR SYSTEM					
5/8" Plywood	Yes	7/16" Wonder-Board	Tile	62	58
5/8" Plywood	Yes	1/4" Wonder-Board	Tile	60	55
5/8" Plywood	Yes	1 1/2" Wonder-Board	Tile	59	57



**Enkasonic is ideal for:**

- Condominiums
- Apartments
- Office buildings
- Hotels
- Schools
- Athletic floors
- Sound studios

**Enkasonic is Easy to Install**

1. Ensure proper subfloor strength.
2. Install Perimeter Isolation Strip to prevent impact sound transmission through floor-wall contact area.
3. Place the Enkasonic over subfloor and tape joints.
4. Place the overlay on top of the Enkasonic.
5. Place the floor covering over the overlay.

**Roll Dimensions and Weights**

Core width	Inches (cm)	39.0* (99.1)
Length	Feet (meters)	111.0 (33.8)
Area	Ft <sup>2</sup> (m <sup>2</sup> )	360.0 (33.5)
Roll diameter	Inches (cm)	27.0 (68.6)
Gross roll weight	Lbs. (kg)	58.0 (26.3)
Thickness	Inches (cm)	0.4 (1.0)

\*42" Fabric width providing 3" overlap to seam

**Design and Installation Assistance**

This brochure is intended a general information piece. For technical help, specific information, or the name of our nearest manufacturer's representative, please contact: Colbond Inc., P.O. Box 1052 Enck, NC 28728; PH: 828-665-5050 or toll free: 800-365-7391, FAX: 828-665-5009 Email: [enka-engineered@colbond.com](mailto:enka-engineered@colbond.com)

**Colbond Inc.**

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