

TileDealer

magazine

July/August 2007

South of the Tile

New Options in Sound Control

PROTECTO WRAP

Protecto Wrap Company's Whisper Mat[®] CS high performance underlayment offers sound control, crack suppression and moisture resistance for ceramic and natural stone floors. Eliminating noise problems in multi-story construction is a sign of a quality installation, and a feature that residential and commercial owners appreciate.



Photo courtesy of Whisper Mat

Whisper Mat CS has the flexibility and strength to stand structural movement and concrete shrinkage up to 1/2" without transferring the stress load to finish. It also has superior moisture resistant properties. www.protectowrap.com

ACOUSTIBLOK[®]

Acoustiblok has resolved soundproofing through a unique thermodynamic process. Acoustiblok is engineered to transform sound energy into undetectable trace elements of heat. Acoustiblok[®] is a 1/4 inch thick viscoelastic polymer material with a high density mineral content, heavy and yet extremely flexible. Waves cause the Acoustiblok material to flex, internal friction occurs (isothermal/adiabatic) and the acoustical energy is dissipated into undetectable trace amounts of heat. One 1/4 inch layer of Acoustiblok in a standard wall will result in more sound reduction than 12 inches of poured concrete. (Certified lab results are available.) Environmentally friendly, Acoustiblok contains no lead or asbestos, is UV resistant and impervious to water and mold; it is UL fire rated and approved for virtually all wall, floor and ceiling installations. Easily cut with a utility knife, Acoustiblok requires no special tools or preparation, and can be installed anytime before drywall or floorcovering. www.acoustiblok.com

NAC PRODUCTS

NAC Products pioneered sound control technology with the introduction of Abatement Mat[®] systems. Both UL and STC rated, offer unique

ability, can be used in waterproofing applications and have been tested to be mold and mildew resistant. The self-adhering application combined with a specially formulated neoprene primer reduces down time and labor costs while allowing decorative floors to be set the same day. SuperSAM incorporates a proprietary matted topping for absorption of impact noise and a high density rubber to absorb sound transmission. Super Sam has been tested over a 6" concrete slab (ASTM E 2179-03) returning an impressive Delta rating of 23. Sam[®] has been tested on a 6" concrete slab with a ceiling assembly in a certified laboratory. Additional field tests conducted over wood joists and additional field tests surpassed the minimum requirements of engineered sheets are

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