Do-it-Yourself Sound Barriers Manufactured from Post-Industrial Waste in North Carolina

New Sound Barriers take Industrial Waste and Turn it into Do-it-Yourself Products that Reduce Noise 75%

July 29, 2009 - PRLog -- Acoustic Engineers at the United Plastics Corp. in Mount Airy, NC, discovered refuse being left behind during the trim production processes of some luxury auto manufacturers had valuable acoustic properties. The engineers recognized the lightweight properties of the materials and their ability to absorb sound.

These new sound solutions keep waste out of landfills, are easier to install than typical sound barrier solutions, and reduce noise up to 75%. United Plastics Corp. is now producing sound barrier products for homeowners, architects, and builders to be used in any application – home, office, apartment, condominium, etc.

The pre-construction phase products, dB-3® and dB-4looring™, install beneath the drywall and flooring. The 75% noise reduction also comes with reduced labor expenses based on the ease of installing the lightweight noise control barriers – only weighing 1 pound per square foot. These acoustic barriers are impermeable to moisture and pass ASTM E-84 fire and smoke tests.

The eco-smart, dB2-4Walls™ are manufactured from industrial waste that would otherwise be discarded into landfills. dB2-4Walls™ are designed to provide room-to-room sound barriers in homes, apartments, condominiums, offices, and application where someone is looking to quiet-down a room. dB2-4Walls™ reduce noise by 75% and are applied like wallpaper, which can then be painted over to match existing interiors.

“We wanted to give people peace and quiet in every room of their home,” says Tom Gorzelski, Acoustic Engineer at United Plastics Corp. “dB2-4Walls™ will keep a vacuum from waking up your baby, quiet that laundry room, or contain sound in your high-tech home theater.”

Current sound barriers and noise solutions typically involve the addition of a second sheet of drywall and an intensive remodeling process. dB2-4Walls™ will be offered in 4ft. by 8ft. rolls with an adhesive side allowing for a simple measure, cut and apply installation process. dB2-4Walls™ will be tested in Costco stores throughout the United States beginning in early August of 2009.

To learn more about sound solutions and acoustic barriers from United Plastics Corp., visit www.db2-4walls.com for the DIY application, and www.db-3sam.com for the construction phase applications.

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About the United Plastics Corp.
The United Plastics Corporation has been creating innovative, plastics-based products in Mt. Airy, NC for over 50 years. They utilize knowledge, experience and state-of-the-art extrusion equipment to create cost-effective, sustainable products.

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