



Echo Barrier H2 Series helps reduce WTC site construction noise

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Echo Barrier Limited's Echo Barrier H2 Series acoustic barriers have helped to provide a solution to construction noise at the World Trade Center development site.

The sound-reducing barriers were first called for by the World Trade Center project team to reduce disruption to passersby caused by construction noise. When the barriers were installed at the World Trade Center site, the noise level was immediately reduced from 84-85 dB(A) to 76-78 dB(A).

Peter Wilson, technical director of Echo Barrier said, "The same day the barriers were set up, three policemen walking through the area, actually just stopped in their tracks. They looked around trying to figure out what was 'different.' I walked up to them and helped solve their mystery - it was quieter!"

Today, almost two years after the initial installation, the Echo Barriers continue to shield the public from noise and dust. Its success prompted the World Trade Center project team to request Oliveira Contracting to continue the product extension and development at the site.

Reducing Noise and Operating Costs while Improving the Community

Wilson said, "We are pleased to have launched the use of Echo Barrier in the United States with a project that is so important to New York City, the United States and the world. Construction-related noise pollution has certainly proven to be a detrimental health concern as well as adversely affecting the environment. Echo Barrier is committed to its ongoing efforts to provide the most effective and efficient solutions to address as many of these challenges as possible within Best Practices and sustainability. We are also just as committed to the working environment of our clients' crews."

The Echo Barriers provide a sound mitigation system that absorbs noise, rather than reflect it back to the source. They are safe to handle, containing no Rockwool or fiberglass, and even feature night reflectors for safe use after dark. The Echo Barriers have a rugged PVC exterior and are completely weather resistant. They are lightweight at just 13 lbs and are easy to handle, therefore taking limited manpower and time to install and making them easy to move around a site wherever attenuation is required.

The Echo Barriers make noise management simple, fast and highly effective. It is a system that can provide an immediate response to noise pollution as a temporary or a permanent solution. Noise complaints are reduced and working hours can be extended. Echo Barriers are a long term investment that professionally reflects the user's commitment to their workforce, their community and the environment.

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