



Simpler. Faster. Better.

## A Quieter Home...

New ECO-Block homeowners almost always remark on how unbelievably quiet their new house is, compared with their old home. The peace, quiet, and protection from outside noise never fail to surprise and delight them.

There are two key methods in reducing the amount of noise penetrating a wall. The first is mass and the second is the wall must be free of gaps. Because an ECO-Block insulating concrete wall is monolithically poured, the wall provides both a solid mass and airtight structure. Unlike frame walls, there are no gaps that have to be plugged.

- Exterior walls constructed with ECO-Block forms dramatically reduce outside noise pollution. The result is a superior sound environment similar to a recording studio.
- Interior walls constructed with ECO-Block forms will provide effective noise barriers within your home, effectively separating bedrooms from living areas or home theatres.
- ECO-Block can achieve a Sound Transmission Class (STC) rating of 50 or more vs. an STC of 34 for a typical timber frame construction. (STC is roughly the decibel reduction in noise a partition can provide).
- ECO-Block is ideally suited for homes where the neighboring houses are within close proximity, or near noisy environments such as airports and highways.
- The reliable quality of sound reduction has also made ECO-Block the material of choice for commercial construction use in theaters, conference rooms and hotels. It is preferred for demising walls in apartments and retirement centers, as well as partition walls around home theaters and bathrooms.