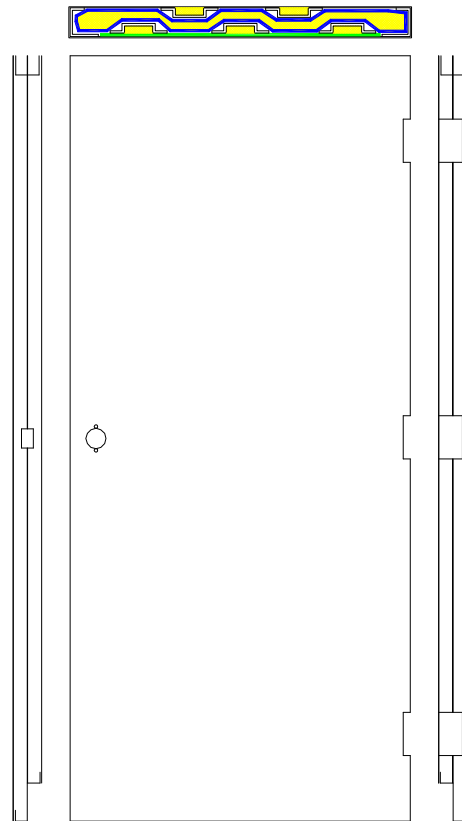




SOUND TRANSMISION



1. Sound Control Door Assemblies are designed to limit the transmission of sound or objectionable noise, from outside of the room. The two methods of rating are Sound Transmission Class (STC) or Sound Transmission Loss (STL).
2. MegaMet's proprietary assemblies were tested as "Operable" units in accordance with ASTM E-90 and achieved an STC-50, using the rating system established in ASTM E-413. **An extensive variety of door, frame, and gasket combinations were tested in order to maximize choices of performance levels.** The sealed tests were conducted solely to determine the door's performance when not supplied as an assembly.
3. MegaMet's Sound Control Assembly consists of the door, frame, door bottom, threshold, gaskets, and hinges. Locks and closers are by the client. Hardware recommendations are contained in SDI-128 and HMMA 865, "Guide Specifications for Sound Control Hollow Metal Doors and Frames".
4. Our mid-range STC units proudly exceed the 30 to 40 ratings from ANSI S12.60-2002 required by "LEED 2009 For Schools" (IEQ Credit 9) and greatly exceed the minimum recycled content (by weight) of all other LEED 2009 publications.

