



Acoustic for Diesel Generators



High Quality Acoustic solutions
for diesel generators application

*A **diesel generator** is the combination of a diesel engine with an electric generator (often an alternator) to generate electrical energy. This is a specific case of engine-generator. A diesel compression-ignition engine often is designed to run on fuel oil, but some types are adapted for other liquid fuels or natural gas.*

Original Equipment Manufacturers	Sterling Generators Pvt. Ltd. Khanvel - Silvassa
Installation initiated from	2014

Original Equipment Manufacturers :

Sterling Generators are the manufacturers of premium quality diesel generators. Sterling uses engines of MTU and VOLVO PENTA, with a range between 250 to 3000 KVA.

Introduction:

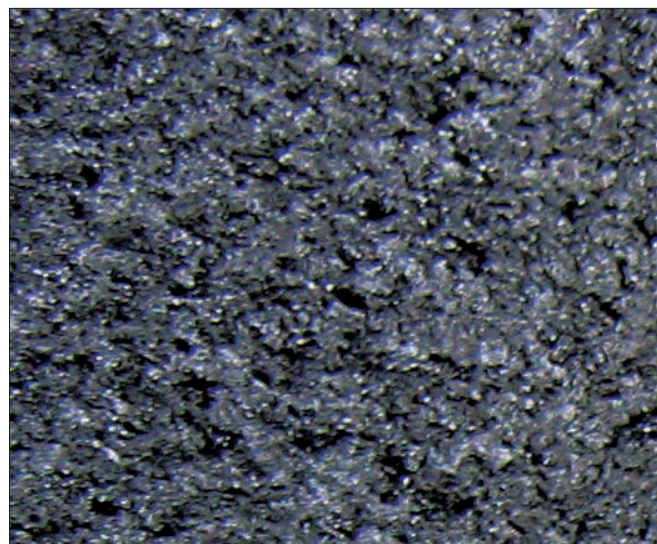
In India as per Central Pollution Control Board (CPCB), maximum permissible sound pressure level for diesel generator (DG) sets with rated capacity up to 1000 KVA is 75 dB (A) at 1 metre from enclosure surface

Accosound Acoustic Insulation:

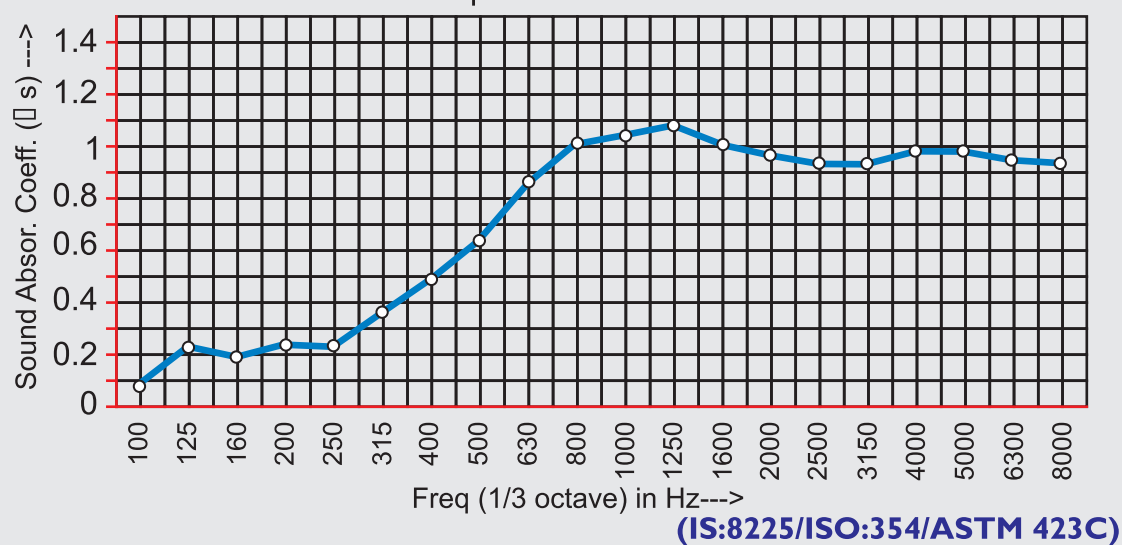
Sterling Generators use Accosound for acoustic lining of DG enclosures. Earlier Sterling Generators were using 40 mm thick PU and nitrile rubber combination foam, which has now been replaced by just 25 mm Accosound. Accosound has given an improved performance, as compared to higher thickness of combination foam which was then in use.

As can be seen from the experience of Sterling Generators, Accosound brings the following advantages.

- Extremely High Acoustic performance
- Improves productivity through increase speed of installation
- Dust and Fiber free
- Space saving, as required thickness is less



Absorption Characteristics



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