

ACOUSTIC FOR DIESEL GENERATOR



HIGH QUALITY ACOUSTIC SOLUTIONS FOR DIESEL GENERATOR 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 & some types are adapted for other liquid fuels or natural gas.

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

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

Introduction:

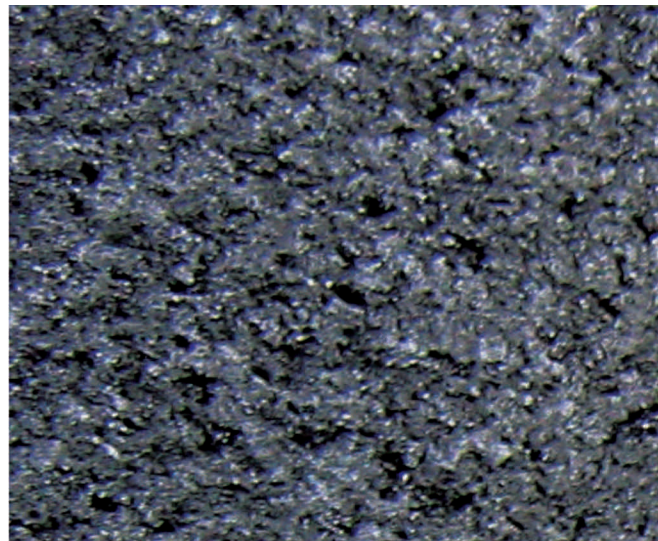
In India as per central pollution control board (CPCB) maximum permissible sound pressure level for diesel generator (DG) sets with rated capacity up to 1000 KVA is 75 dB (A) at 1 metre from enclosure surface.

Accosound Acoustic Insulation:

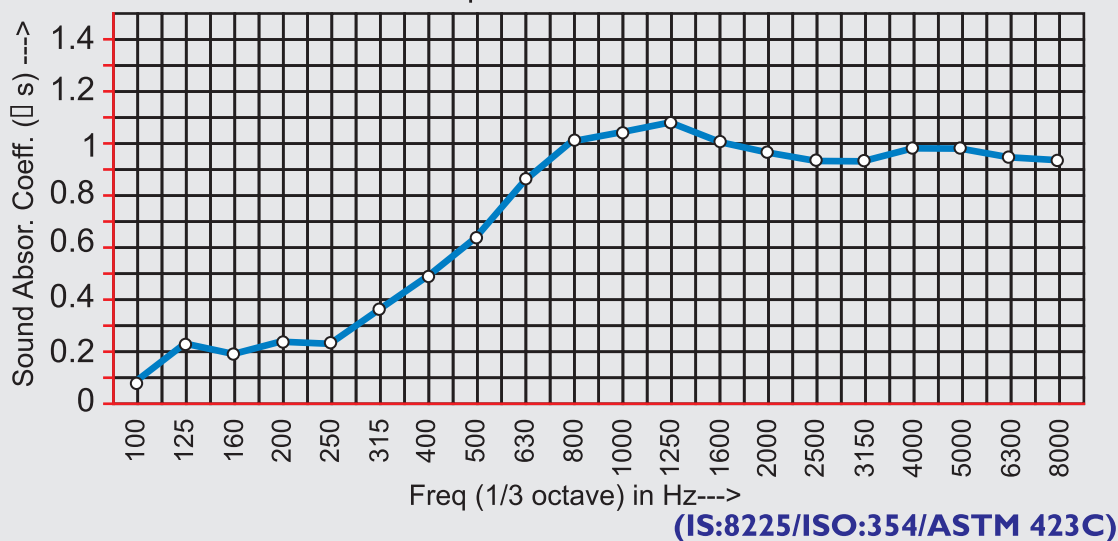
Sterling generators use accosound for acoustic lining of DG enclosures. Earlier sterling generators were using 40 mm thick PU and nitrile rubber combination foam, which has now been replaced by just 25mm Accosound. Accosound has given and improved performance, as compared to higher thickness of combination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

It can be seen from the experience of sterling generators, Accosound brings the following advantages.

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



Absorption Characteristics



Manufactured and Marketed by:

ALP AEROFLEX INDIA PVT. LTD.

Corporate Office: Plot No. 32, Sector-18 HUDA, Gurgaon, Haryana - 122015 (INDIA)

Telephone: +91-124-4731500 | **Fax:** +91-124-4731598, 4731599

E-mail: marketing@alpaeroflex.com | **Website:** www.alpaeroflex.com

Plant: Bilaspur Road, Opposite Govt. P.G. College, Rudrapur, Distt. Udham Singh Nagar, Uttarakhand - 244923 (INDIA)

Telephone: +91-5944-247869, 247870 | **Fax:** +91-5944-243813

Disclaimer: Although these values represent actual results achieved in tests, they should only be used as a guide. ALP Aeroflex cannot guarantee the performance of the product as all situations are different & should be treated separately. All statements & technical informations are based on results obtained under typical conditions. It is the responsibility of the recipient to verify with us that the informations are appropriate for specific use intended by the recipient.