

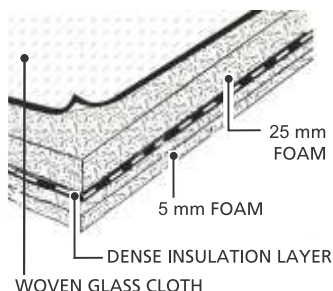
SOUNDSEAL



A glass cloth covered Polyurethane foam for acoustic applications.

APPLICATIONS

- **Transportation:** Absorption of vibration and noise for engines in buses, trains, trucks, boats, ships (complies to European Recreational Craft Directive 2003/44/EC) and aircraft.
- **Industrial:** Treating noise pollution of industrial machinery and equipment, manufacturing plants, air-conditioning and ventilation units etc.
- **Architectural:** Sound absorption for offices, conference rooms, auditoriums, theaters, cinemas, lecture rooms, libraries and sports arenas.
- **Audio:** Impact sound control and sound absorption for recording studios, broadcasting studios and control rooms.
- **Residential:** Soundproofing homes, apartments, home studios, home entertainment centres and household appliances.

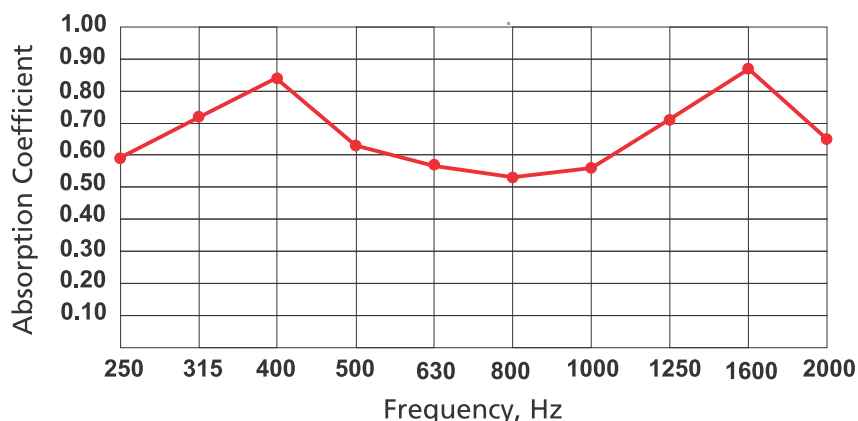


ADVANTAGES

- Soundseal is ECB certified.
- Soundseal has excellent sound absorption properties.
- Can be used on curved or flat surfaces and is easily converted for irregular shapes.
- The material is safe and fire resistant.

PHYSICAL PROPERTIES / TECHNICAL DATA

- **Coating:** A woven fibreglass cloth acting as a porous outer skin, which is dust and dirt resistant and easily cleanable. It also acts as a UV barrier to the foam. The open construction does not inhibit the acoustic properties.
- **Foam:** A 25mm layer of Ester-based Polyurethane foam which is flame retardant. The density is 30 kg/m³ and complies with FMVSS302, UL94 and ISO 3582 standards.
- **PVC Foam:** A 2.8mm layer of densely loaded PVC foam which has excellent resistance to sound waves. Has been tested to ISO R140 and complies with FMVSS302.
- **Foam:** A 5mm layer of Ester-based Polyurethane foam which is flame retardant. The density is 30 kg/m³ and complies with FMVSS302, UL94, and ISO 3582 standards.
- **Soundseal:** Complies with the oxygen index requirements mentioned in the ISO 9094-1 Small craft - Fire protection craft with a hull length up to and including 15m and ISO 9094-2 Small craft - Fire protection craft with a hull length above 24m.



These tests were performed by the Central Acoustics Laboratory, University of Cape Town. April 2002.

Whilst this document has been prepared in good faith, Sondor Industries (Pty) Ltd accept no contractual liability of any kind to any person in respect of its contents or any use made thereof, nor must it be assumed that any such use will not infringe any patent. This document shall form no part of any contract with a customer. The data supplied on this sheet is typical and in no way reflects the final resultant values of the respective products.

sondor
PERFORMANCE FOAMS



CAPE TOWN: Tel: (021) 959 9400, Fax: (021) 959 9434, E-mail: ctn@sondor.co.za • DURBAN: Tel: (031) 705 4220, Fax: (031) 705 4566, E-mail: dbn@sondor.co.za • JOHANNESBURG: Tel: (011) 452 4530, Fax: (011) 452 4532, E-mail: jhb@sondor.co.za • PORT ELIZABETH: Tel: (041) 486 2231, Fax: (041) 486 2234, E-mail: pe@sondor.co.za • PRETORIA: Tel: (012) 803 4471, Fax: (012) 803 4400, E-mail: pta@sondor.co.za • EXPORTS: Tel: +27-21-959 5900, Fax: +27-21-959 5901, E-mail: exports@sondor.co.za • HEAD OFFICE: Tel: (021) 959 5900, Fax: (021) 959 5901, E-mail: ho@sondor.co.za
EAST LONDON AGENT – Jonny Grant 043 7433067/68 • BLOEMFONTEIN AGENT – Build OFS 051 435 4880 • GEORGE AGENT – Spectrum Distributors 044 8745 642 • ZIMBABWE AGENT – Security Devices/Leisure Lifestyle 00263 4 487064/5