

Compressors, Generators and Enclosures

Acoustic Lining Solutions



Vita Technical Foams

Vita Group

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Compressors, Generators and Enclosures

Acoustic Lining Solutions

With over 70 years' experience of being a market leader in acoustic and noise control, Vita can consistently deliver the highest standard of engineered solutions in the industry.

THE ATTENUATION SOLUTION

Vita's high-performance, safety critical acoustic foams, seals and composites.

Vita's industry leading range of high performance acoustic foams is the preferred choice of major manufactures of compressors, generators and industrial enclosures. Vita offer custom kits and parts to OEMs, their supply chain and aftersales services. Our soundproofing products provide excellent levels of attenuation, even when challenged with reduced space and weight constraints.



POWER GENERATION

Power and light is essential for modern life, even more so when the conventional hard-wired means of supply are difficult or not possible. Modern Portable Generators and Lighting Rigs are designed to be powerful, easily transportable, versatile, reliable and durable, providing the solution of power and light even in the most remote of environments.

'Where mobile power is the solution, the noise generated is often a problem'.



'Acoustics is the interdisciplinary science that deals with the study of all mechanical waves in gases, liquids, and solids including vibration, sound, ultrasound and infrasound'.

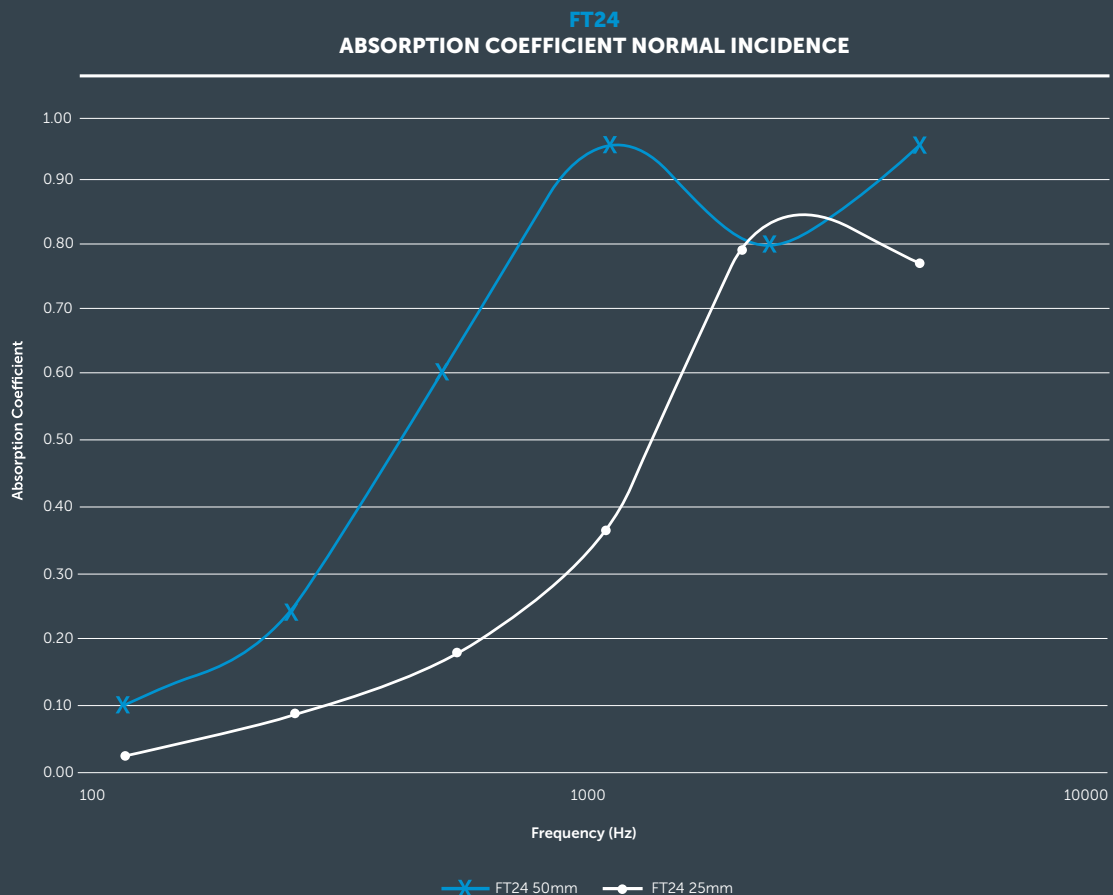
Revesorb-FT24 has been specifically designed to provide outstanding absorption acoustic performance in the harshest of industrial environments. Revesorb-FT24 is a light weight, flexible, low density polyurethane foam with flame retardancy conforming to standards:

- FMVSS 302 (self extinguishing)
- UL94 HF1



Available Range includes:

- Revesorb-FT24-AD (self-adhesive backed)
- Revesorb-FT24-PU2(MELT) (with a polyurethane film facing)
- Revesorb-FT24-PU2(MELT)-AD (self-adhesive backed with PU film facing)



VITA'S manufacturing and technical expertise is exceptional meeting both local and international standards. By providing an extensive range of products Vita can satisfy many types of complex needs in an efficient manner. Consistent supply and quality is assured from concept to completion, a discipline that has helped secure long term customer relationships and partnerships.

PYROSORB-S,

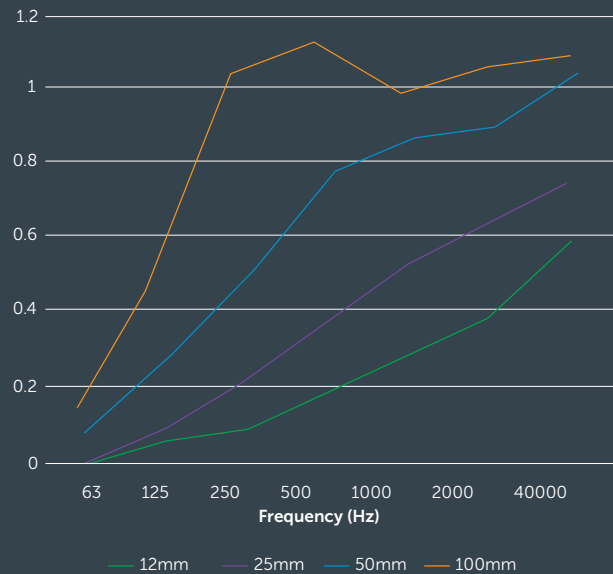
which is the basis of the product range, is open celled acoustic/thermal impregnated polyurethane foam. It was originally developed as safety critical foam. High acoustic performance and absorption coefficients are typical for a cellular material, but unusually high deadening performance is attributable to the high density of approximately 85 kgm³. The high mass helps to reduce vibration in metal enclosures hence drumming and noise breakout.



Available Range includes:

- Pyrosorb-S-AD3 (self adhesive backed)
- Pyrosorb-S-V1 (faced with FR polymeric coating)
- Pyrosorb-S-PU2 (faced with black flexible PU film)
- Pyrosorb-S-RA1 (reinforced Class O aluminium facing)
- Pyrosorb-S-GC (abrasion resistant glass cloth facing)
- Pyrosorb-S-VG (PVC coated polyester facing for hygiene, durability)
- Pyrosorb-S-L (lead lined composite)
- Pyrosorb-S-DS (heavy rubber damping sheet composite)
- Pyrosorb-S (profiled/egg box)

FLAT ABSORPTION COEFFICIENTS: BS EN 20354 (REVERBERATION ROOM)

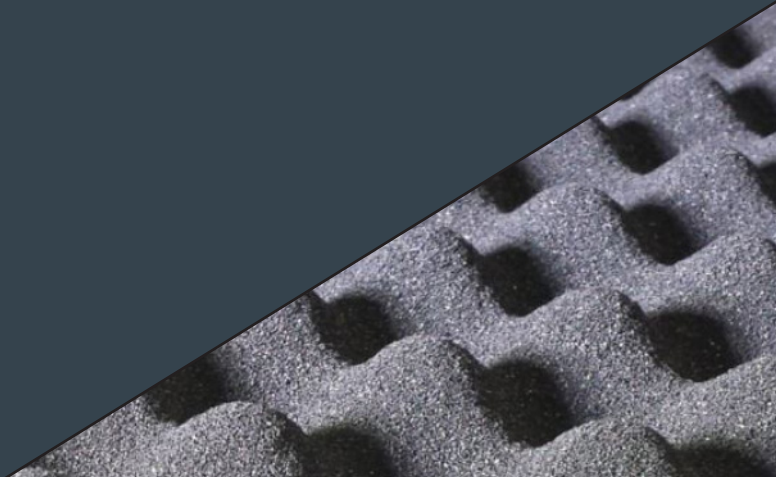


PYROSORB-S:

Class '0' Self-extinguishing PU Foam

COMMON APPLICATIONS:

- Truck cabin lining
- Panel damping
- Machinery enclosures
- Duct lining
- Engine compartments
- Electrical enclosures
- Noise shields
- Door panel absorbers
- Building acoustics
- Marine
- Compressors
- Generators
- Acoustic tiles
- Reverberation control



REVESORB-FT24:

Light Weight Flexible PU Foam

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